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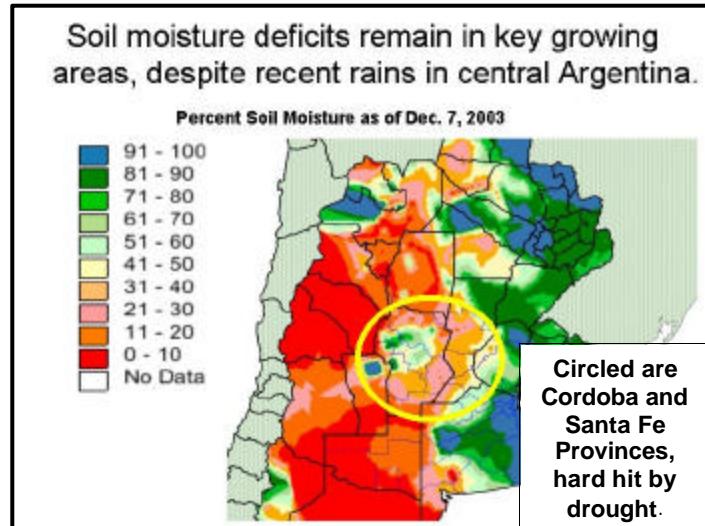
Circular Series  
WAP 12-03  
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# World Agricultural Production

## Drought Delays Argentine Summer-Crop Planting

### **Wheat, Corn, Soybean, Sunflowerseed, Sorghum and Peanut Crops Reduced**

Argentina's 2003/04 summer-crop planting has been delayed by drought, reducing crop production estimates for soybeans, corn, sunflowerseed, sorghum, and peanuts. Although soybean area is forecast at record levels, production is estimated to decline month-to-month due to lower yield potential. Farmers have switched to this more profitable crop, but are planting late. Wheat, in the grain-fill stage in southern Argentina, received beneficial and stabilizing rains, although the drought in western areas has reduced yields. Rainfall the first week of December has brought much needed relief to the drought areas of Cordoba Province. In some areas up to two inches of rain has fallen. Soil moisture levels are still low and more rain is needed for developing crops.



Drought Prevents Planting in Some Corn Areas: Argentina's 2003/04 corn production is forecast at 13.5 million tons, down 0.5 million or 4 percent from last month, and down 13 percent from last season's estimate of 15.5 million. Harvested area is forecast at 2.3 million hectares, down 0.1 million or 4 percent from last month, and lower than last season. Yield is forecast at 5.87 tons per hectare.

Roughly 26 percent of corn production is in areas where soil moisture is below 20 percent of capacity. Corn planting progress reached 61 percent by November 28, the slowest pace in the last seven years. The most severe planting delay is in Rio Cuarto delegation, Cordoba Province. This is Argentina's most significant corn area, and where the drought is most severe. Farmers in southern Cordoba are faced with hard decisions. First, they can plant corn late with reduced yield potential. Newer corn hybrids, such as Bt corn, allow later planting dates, and can be planted after the wheat harvest. Option two is to plant corn for silage instead of grain, useful to aid recovery in the dairy sector. Option three is to plant soybeans; this is the most likely

decision for producers to make. Increases in soybean area are expected (see paragraph below).

Wheat Benefits from Stabilizing Rains in South; Production Declines Slightly: Argentina's 2003/04 wheat production is estimated at 12.5 million tons, down 0.5 million or 4 percent from last month, but up slightly (2 percent) from last season's weather-reduced crop of 12.3 million tons. Harvested area is forecast at 5.7 million hectares, down 0.1 million hectares from last month, and down 3 percent from last season. Yield is forecast at 2.19 tons per hectare, below average.

Harvesting has begun in northern Argentina and 35 percent was collected as of December 6. Early reports indicate yields below average for southern Cordoba and La Pampa Provinces and harvest losses above normal. Harvested area was reduced by 100,000 hectares. Other early reports indicate yields better than expected in northern Cordoba and Santa Fe Provinces where there was enough soil moisture for grain fill. Quality is expected to be better than last year. The important wheat areas of southern Buenos Aires start harvesting in mid-December. Yields in these key growing-areas are expected to equal or exceed last year.

Soybean Area Rises as Farmers Switch From Corn; Yield Potential Declines: Argentina's 2003/04 soybean production is forecast at a record 36.5 million tons, down 1.5 million or 4 percent from last month, but up 3 percent from last season's output of 35.5 million. Harvested area is forecast at a record 13.7 million hectares, up 0.1 million or 1 percent from last month and up 9 percent from last season. Yield is forecast at 2.66 tons per hectare, slightly above average. Soybean area is up from last month as farmers switch away from corn and sunflowers. Drought conditions prevented planting as much corn and sunflower as intended. Additionally, soybeans are much more profitable than late-planted and perhaps lower-yielding corn. Soybean planting reached 44 percent as of November 28, slower than average due to drought in Cordoba Province. Roughly 24 percent of soybean production is in areas where soil moisture is below 20 percent of capacity. Recent rain is expected to spur soybean planting on record area. Early-season drought in western crop areas resulted in late planting of soybeans and a possible shift to lower-yielding short-cycle maturity groups. This has lowered yield potential. Yields are expected below trend but above average. Soil moisture in the west is low, affecting yield potential.

Drought Prevents Planting of Some Sunflower Area: Argentina's 2003/04 sunflowerseed production is forecast at 3.3 million tons, down 0.4 million or 11 percent from last month and down 11 percent from last season's output. Harvested area is forecast at 1.9 million hectares, down 0.2 million or 10 percent from last month and down 19 percent from last season. Yield is forecast at a near average 1.74 tons per hectare.

Continued drought in western crop areas (Cordoba and La Pampa Provinces) in November has delayed and in some cases prevented sunflower planting. Roughly 34 percent of sunflowerseed production is in areas where soil moisture is below 20 percent capacity. Sunflower planting is 71 percent complete as of November 28; slower than average. Planting should be finished by early December, but less area will be sown. Conditions have been near normal for northern Argentina where the early-season sunflower crop is grown. Southern Buenos Aires Province, where planting began in November, has received beneficial rainfall. Yields are expected to be near average. Sunflower tolerates dry conditions better than corn or soybeans.

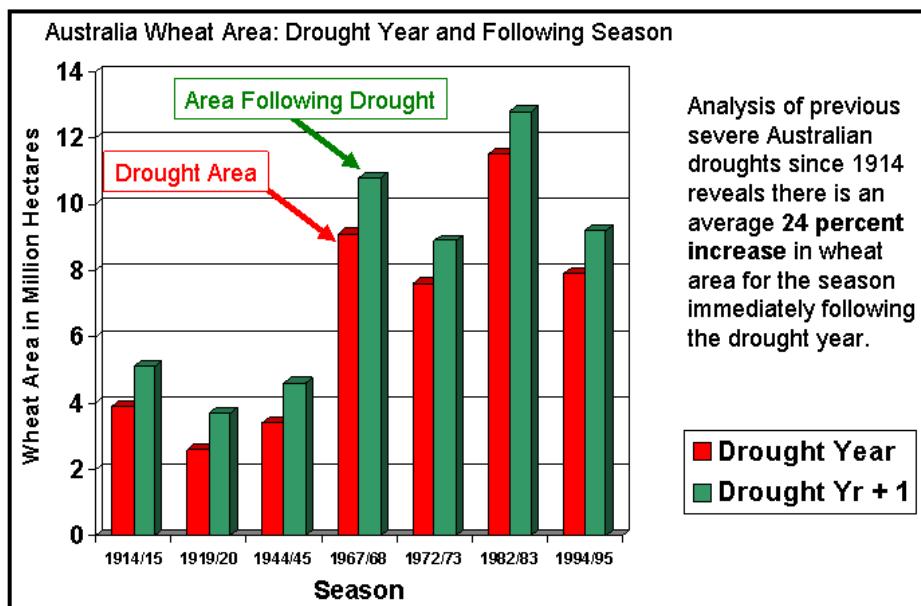
Sorghum and Peanuts Hit Hard: Argentina's 2003/04 sorghum production is forecast at 2.1 million tons, down 0.6 million or 22 percent from last month and down 25 percent from last season's output. Harvested area is forecast at 0.45 million hectares, down 0.13 million or 22 percent from last month and down 18 percent from last season. Yield is forecast at 4.67 tons per hectare, near average.

Argentina's 2003/04 peanut production is forecast at 215,000 tons, down 85,000 or 28 percent from last month and down slightly from last season's output of 220,000. Harvested area is forecast at 140,000 hectares, down 55,000 or 28 percent from last month and down 10 percent from last season. Yield is forecast at 1.54 tons per hectare, near average.

Cordoba Province has over 95 percent of Argentine peanut production. Rio Cuarto delegation in Cordoba is the center of Argentine peanut production and the center of the drought. The recent rainfall has spurred more interest in planting, but time is running out. (*For more information, contact Bob Tetrault at 202-690-0130.*)

### Australia: Near Record Wheat Crop for 2003/04

Australia 2003/04 wheat production is forecast at 24.5 million tons up 0.5 million or 2 percent from last month and up 14.4 million or 144 percent from last year. Due to a recent survey from the Australia Bureau of Statistics (ABS), last season's drought-influenced 2002/03 wheat crop is revised up by 673,000 tons, totaling 10.1 million tons. The sharp rebound in 2003/04 production is due to improved growing conditions as compared to last season's drought devastated winter-crop harvest. Australia wheat area for 2003/04 is forecast at 12.5 million hectares up 0.5 million or 4 percent from last month and up 1.5 million or 14 percent from last year. This season's area increase is a result of an overwhelming grower incentive to recoup financial losses incurred during the 2002 drought, and the conversion of pasture into grain. The 2002 winter and summer drought severely reduced pasture growth that combined with high feed grain prices throughout the country and led many producers to sell off large numbers of cattle and sheep. Australia sheep numbers are at a 50-year low. The yield forecast of 1.96 tons per hectare is an average wheat yield prior to last year's 100-year drought. (*For more information, contact Jim Crutchfield at 202-690-0135.*)



## **Australia: Barley Crop Tips Record in 2003/04**

Australia's 2003/04 barley production is forecast at 8.0 million tons up 1.0 million or 14 percent from last month and up 4.3 million or 116 percent from last year. This large year-to-year production increase is the result of increased area and yield. The sharp rebound in 2003/04 production is due to the significantly improved growing conditions as compared to last season's drought devastated winter-crop harvest. The current 2003/04 Australia barley area forecast is 4.0 million hectares up 0.5 million or 14 percent from last month and up 0.3 million or 8 percent from last year. Increases in planted area for barley follow the same trends observed for wheat. The yield forecast of 2.0 tons per hectare is an average barley yield prior to last year's 100-year drought. (*For more information, contact Jim Crutchfield at 202-690-0135.*)

## **Iran: Another Year of Bumper Wheat and Rice Crops for 2003/04**

Iran's 2003/04 wheat production is estimated at 12.4 million tons, up 1.4 million or 13 percent from last month and equal to last year's record crop. Wheat area is estimated at 6.3 million hectares, up 2 percent from last year. Rice production is estimated at a record 2.2 million tons (3.3 million, rough basis), up 0.7 million tons or 47 percent above last month and 5 percent above last year. Rice area is revised upward to 0.63 million hectares, 5 percent above last year.

The bumper crops are the result of a second consecutive year of good weather following the 1999-2001 drought. Rainfall during the season was again abundant and timely in most growing areas. Iran's wheat production returned to its pre-drought production level last year, increasing by more than 25-30 percent from the previous three years' drought-reduced crops. Producers are being encouraged to raise domestic wheat production to levels of self-sufficiency for domestic needs through intensified government support. Rice production has similarly benefited from two years of good weather and increased government support. Last year's rice production jumped nearly 60 percent from drought-levels and was 12 percent higher than the previous record. (*For more information, contact Maria Anulacion at 202-690-0139.*)

## **European Union: Wheat Production Below Average for 2003/04**

Wheat production in the European Union is forecast at 91.0 million tons for 2003/04, down 1.0 million from last month and 12.9 million below last year's crop. Harvested area is estimated at 16.9 million hectares, compared to 18.0 million in 2002. The wheat yield is estimated at 5.38 tons per hectare, which is the lowest since 1995. Winter-crop planting conditions were generally favorable in Western Europe last autumn, with the exception of excessive moisture in southern Germany. Winter and spring moisture levels in Spain were extremely favorable, and growing conditions were near normal in the United Kingdom. March and April were unusually dry in France and Germany. Abnormally high temperatures throughout the month of June damaged dry, vulnerable fields in northeastern Europe. The latest revision takes into account an updated area forecast for the United Kingdom, which was changed in December after the discovery of a computational error on the part of the UK Department of Environment, Food and Rural Affairs (DEFRA). Downward production revisions in Sweden, Italy and Denmark are also taken into account this month. (*For more information, contact James Tringe at 202-720-0882.*)

## **Canada: Wheat Production Average in 2003/04**

FAS/Washington estimates 2003/04 Canadian wheat production at 23.5 million tons, an increase of 1.5 million from last month and 7.3 million above last year's crop. Harvested area is estimated at 10.5 million hectares, up 40,000 hectares from last month and 18 percent above last year's level. The yield for this year's crop is estimated at 2.24 tons per hectare, well above last year's drought-affected level of 1.84 tons per hectare. Statistics Canada has revised its yield estimates in October and December after harvest, raising production. During the growing season, relief from the two-year drought arrived in autumn 2002 on the Canadian prairie, when abundant rainfall replenished depleted soil moisture. Additional precipitation, in the form of snow created favorable moisture conditions for spring planting. Cold temperatures and wet fields delayed fieldwork in May. Wind, heat, and lack of rainfall in the second half of June caused some concern, but timely rainfall arrived eventually and harvest weather was optimal. Yields rebounded to near normal levels for the first time since 2000. Durum wheat production is forecast to be 4.3 million tons, non-durum spring wheat is forecast at 16.4 million tons, and winter wheat production is estimated at a record 2.8 million tons. (*For more information, contact James Tringe at 202-720-0882.*)

## **India: 2003/04 Cotton Production Forecast Raised on Higher Yields, Better Arrivals**

India's 2002/03 cotton production is forecast at 12.7 million bales, up 0.2 million or 2 percent from last month and up 2.1 million or 20 percent from last year. The area forecast is 8.4 million hectares, down 0.1 from last month, but up 0.8 million or 11 percent from last year. This season's higher production is a result of higher area and yield compared to last year. The 2003 monsoon brought very good growing conditions this season, providing adequate irrigation reserves, and rainfall in the dryland cotton areas. The 2002 season's weak monsoon resulted in lower area in several key-producing states. Field reports indicate higher production due to better-than-expected crop yields in northern and central regions due to ideal harvest conditions. The strong pace of market arrivals in these regions supports the increased forecast. (*For more information, contact Jim Crutchfield at 202-690-0135.*)

## **Brazil: 2003/04 Wheat Production Forecast Higher**

Brazilian 2003/04 wheat production is estimated higher this month owing to better than expected crop yields and higher sown area. End-of-harvest reports from the prime southern growing states of Rio Grande do Sul and Parana indicate the crop escaped any serious weather-related problems this year and achieved record yields. USDA currently estimates 2003/04 wheat production at 5.2 million tons, up 0.5 million or 11 percent from last month, and up 2.3 million or 77 percent from last year's frost and drought-affected crop. Crop area is estimated at 2.5 million hectares, which is an increase of 21 percent or 470,000 hectares from last year. Wheat area grew in virtually every producing state. (*For more information, contact Michael Shean at 202-720-7366.*)

This report uses information from the Foreign Agricultural Service's (FAS) global network of agricultural attachés and counselors, official statistics of foreign governments and other foreign source materials, and the results of economic and satellite imagery analysis. Estimates of foreign area, yield, and production are from the Production Estimates and Crop Assessment Division, FAS, and are reviewed by USDA's Inter-Agency Commodity Estimates Committees. Estimates of U.S. area, yield, and production are from USDA's National Agricultural Statistics Service. Numbers within the report may not add to totals because of rounding. This report reflects official USDA estimates released in the World Agricultural Supply and Demand Estimates (WASDE-405), December 11, 2003.

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The Production Estimates and Crop Assessment Division, FAS, prepared this report. The next issue of World Agricultural Production will be released after 9:00 a.m. Eastern Time on January 12, 2003.

### **Conversion Table**

#### Metric tons to bushels

|                    |   |                |
|--------------------|---|----------------|
| Wheat, soybeans    | = | MT * 36.7437   |
| Corn, sorghum, rye | = | MT * 39.36825  |
| Barley             | = | MT * 45.929625 |
| Oats               | = | MT * 68.894438 |

#### Metric tons to 480-lb bales

|        |   |               |
|--------|---|---------------|
| Cotton | = | MT * 4.592917 |
|--------|---|---------------|

#### Metric tons to hundredweight

|      |   |               |
|------|---|---------------|
| Rice | = | MT * 22.04622 |
|------|---|---------------|

#### Area & weight

|            |   |                 |
|------------|---|-----------------|
| 1 hectare  | = | 2.471044 acres  |
| 1 kilogram | = | 2.204622 pounds |

For further information, contact:  
 U.S. Department of Agriculture  
 Foreign Agricultural Service  
 Production Estimates and Crop Assessment Division  
 Ag Box 1045, Room 6541, South Building  
 Washington, DC 20250-1045  
 Telephone: (202) 720-0888      Fax: (202) 720-8880

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#### GENERAL INFORMATION

|                             |                   |              |                          |
|-----------------------------|-------------------|--------------|--------------------------|
| Division Director           | Allen Vandergriff | 202-720-0888 | vandergriff@fas.usda.gov |
| Administrative Assistant    | Mary Jackson      | 202-720-0888 | jacksonma@fas.usda.gov   |
| Deputy Director             | Eric Wenberg      | 202-720-0873 | wenberge@fas.usda.gov    |
| Remote Sensing Specialist   | Brad Doorn        | 202-690-0131 | doorn@fas.usda.gov       |
| Contract Representative     | Theresa Wright    | 202-720-8887 | wrightt@fas.usda.gov     |
| Imagery Archive Coordinator | Judy Goldich      | 202-720-1572 | goldich@fas.usda.gov     |
| USDA Remote Sensing Advisor | Glenn Bethel      | 202-720-1280 | bethel@fas.usda.gov      |

#### COMMODITY SPECIFIC INFORMATION

|                             |                    |              |                          |
|-----------------------------|--------------------|--------------|--------------------------|
| Cotton & Rice Chairperson   | Ron Roberson       | 202-720-0879 | roberson@fas.usda.gov    |
| Grains Chairperson          | Michelle Greenberg | 202-720-7339 | greenberg@fas.usda.gov   |
| Oilseeds Chairperson        | Paul Provance      | 202-720-0881 | provance@fas.usda.gov    |
| Production Database Manager | Marnet Whittington | 202-720-0886 | whittington@fas.usda.gov |

#### COUNTRY AND REGION SPECIFIC INFORMATION

|  |                  |              |                          |
|--|------------------|--------------|--------------------------|
| Argentina, Uruguay, Paraguay, & Chile    | Bob Tetrault     | 202-690-0130 | tetrault@fas.usda.gov    |
| Brazil                                   | Michael Shean    | 202-720-7366 | shean@fas.usda.gov       |
| Mexico, Central America, & Caribbean     | Ron White        | 202-690-0137 | whiter@fas.usda.gov      |
| Canada & Western Europe                  | Jim Tringe       | 202-720-0882 | tringej@fas.usda.gov     |
| Central Europe & North Africa            | Bryan Purcell    | 202-690-0138 | purcellb@fas.usda.gov    |
| Turkey, Middle East, & Southwest Asia    | Maria Anulacion  | 202-690-0139 | anulacion@fas.usda.gov   |
| Russia, Ukraine, & other FSU States      | Mark Lindeman    | 202-690-0143 | lindeman@fas.usda.gov    |
| China, Koreas, Japan, & Southeast Asia   | Paulette Sandene | 202-690-0133 | sandene@fas.usda.gov     |
| Australia, Bangladesh, India, & Pakistan | Jim Crutchfield  | 202-690-0135 | crutchfield@fas.usda.gov |
| Central & Southern Africa                | Curt Reynolds    | 202-690-0134 | reynoldsc@fas.usda.gov   |
| United States                            | Rao Achutuni     | 202-690-0140 | achutuni@fas.usda.gov    |
| United States & Int'l Weather            | Carl Gernazio    | 202-690-0136 | gernazio@fas.usda.gov    |

**TABLE 1**  
**World Crop Production Summary**

| Commodity                     | World    | Total<br>Foreign | North America    |        |        | Europe            |                   |                   | FSU-12 | Asia   |        |                |               |               | South America  |        | Selected Other |                 |        | All<br>Others |
|-------------------------------|----------|------------------|------------------|--------|--------|-------------------|-------------------|-------------------|--------|--------|--------|----------------|---------------|---------------|----------------|--------|----------------|-----------------|--------|---------------|
|                               |          |                  | United<br>States | Canada | Mexico | European<br>Union | Oth. W.<br>Europe | Central<br>Europe |        | China  | India  | Indo-<br>nesia | Paki-<br>stan | Thai-<br>land | Argen-<br>tina | Brazil | Aus-<br>tralia | South<br>Africa | Turkey |               |
| ---Million metric tons---     |          |                  |                  |        |        |                   |                   |                   |        |        |        |                |               |               |                |        |                |                 |        |               |
| <u>Wheat</u>                  |          |                  |                  |        |        |                   |                   |                   |        |        |        |                |               |               |                |        |                |                 |        |               |
| 2001/02                       | 581.86   | 528.60           | 53.26            | 20.57  | 3.27   | 90.99             | 0.77              | 34.92             | 91.33  | 93.87  | 69.68  | 0.00           | 19.02         | 0.00          | 15.50          | 3.25   | 24.85          | 2.49            | 15.50  | 42.58         |
| 2002/03 prel.                 | 566.84   | 522.78           | 44.06            | 16.20  | 2.90   | 103.87            | 0.89              | 30.47             | 97.39  | 90.29  | 71.81  | 0.00           | 18.23         | 0.00          | 12.30          | 2.94   | 10.06          | 2.32            | 16.80  | 46.32         |
| 2003/04 proj.                 |          |                  |                  |        |        |                   |                   |                   |        |        |        |                |               |               |                |        |                |                 |        |               |
| Nov.                          | 548.25   | 484.66           | 63.59            | 22.00  | 3.00   | 92.00             | 0.88              | 20.95             | 61.88  | 87.00  | 67.00  | 0.00           | 18.20         | 0.00          | 13.00          | 4.70   | 24.00          | 1.68            | 17.20  | 51.18         |
| Dec.                          | 550.51   | 486.92           | 63.59            | 23.50  | 3.00   | 91.00             | 0.88              | 21.01             | 61.88  | 87.00  | 67.00  | 0.00           | 18.20         | 0.00          | 12.50          | 5.20   | 24.50          | 1.48            | 17.20  | 52.58         |
| <u>Coarse Grains</u>          |          |                  |                  |        |        |                   |                   |                   |        |        |        |                |               |               |                |        |                |                 |        |               |
| 2001/02                       | 892.42   | 630.56           | 261.86           | 22.60  | 27.17  | 106.76            | 1.54              | 51.02             | 62.35  | 122.27 | 34.68  | 6.00           | 1.83          | 4.65          | 18.73          | 36.80  | 12.56          | 10.45           | 9.52   | 101.65        |
| 2002/03 prel.                 | 869.91   | 624.88           | 245.03           | 19.87  | 25.02  | 106.37            | 1.69              | 50.35             | 60.82  | 129.15 | 25.66  | 6.10           | 1.85          | 4.50          | 19.44          | 46.95  | 6.55           | 9.63            | 10.12  | 100.81        |
| 2003/04 proj.                 |          |                  |                  |        |        |                   |                   |                   |        |        |        |                |               |               |                |        |                |                 |        |               |
| Nov.                          | 882.58   | 603.00           | 279.58           | 25.88  | 25.45  | 92.95             | 1.69              | 41.77             | 53.98  | 121.30 | 32.50  | 6.80           | 1.85          | 4.68          | 17.90          | 39.22  | 11.06          | 9.38            | 9.82   | 106.77        |
| Dec.                          | 883.78   | 604.21           | 279.58           | 26.31  | 25.45  | 92.75             | 1.69              | 41.95             | 54.48  | 121.30 | 32.50  | 6.80           | 1.85          | 4.68          | 16.80          | 39.22  | 12.26          | 9.38            | 9.82   | 106.97        |
| <u>Rice (Milled)</u>          |          |                  |                  |        |        |                   |                   |                   |        |        |        |                |               |               |                |        |                |                 |        |               |
| 2001/02                       | 398.60   | 391.89           | 6.71             | 0.00   | 0.19   | 1.62              | 0.00              | 0.04              | 0.62   | 124.31 | 93.08  | 33.09          | 3.88          | 17.50         | 0.46           | 7.12   | 0.89           | 0.00            | 0.23   | 108.86        |
| 2002/03 prel.                 | 380.09   | 373.55           | 6.54             | 0.00   | 0.13   | 1.64              | 0.00              | 0.04              | 0.69   | 122.18 | 75.70  | 33.20          | 4.23          | 17.12         | 0.47           | 6.90   | 0.28           | 0.00            | 0.23   | 110.74        |
| 2003/04 proj.                 |          |                  |                  |        |        |                   |                   |                   |        |        |        |                |               |               |                |        |                |                 |        |               |
| Nov.                          | 390.65   | 384.44           | 6.20             | 0.00   | 0.11   | 1.63              | 0.00              | 0.04              | 0.84   | 118.00 | 89.00  | 33.54          | 4.50          | 17.80         | 0.46           | 7.50   | 0.64           | 0.00            | 0.24   | 110.15        |
| Dec.                          | 391.30   | 385.10           | 6.20             | 0.00   | 0.11   | 1.69              | 0.00              | 0.04              | 0.84   | 118.00 | 89.00  | 33.54          | 4.50          | 17.80         | 0.58           | 7.50   | 0.64           | 0.00            | 0.24   | 110.62        |
| <u>Total Grains 1/</u>        |          |                  |                  |        |        |                   |                   |                   |        |        |        |                |               |               |                |        |                |                 |        |               |
| 2001/02                       | 1,872.88 | 1,551.05         | 321.84           | 43.17  | 30.62  | 199.37            | 2.31              | 85.98             | 154.30 | 340.45 | 197.44 | 39.09          | 24.73         | 22.14         | 34.69          | 47.17  | 38.30          | 12.94           | 25.25  | 253.09        |
| 2002/03 prel.                 | 1,816.84 | 1,521.21         | 295.63           | 36.07  | 28.05  | 211.88            | 2.58              | 80.86             | 158.90 | 341.62 | 173.17 | 39.30          | 24.30         | 21.62         | 32.21          | 56.78  | 16.89          | 11.95           | 27.15  | 257.87        |
| 2003/04 proj.                 |          |                  |                  |        |        |                   |                   |                   |        |        |        |                |               |               |                |        |                |                 |        |               |
| Nov.                          | 1,821.47 | 1,472.10         | 349.37           | 47.88  | 28.56  | 186.58            | 2.57              | 62.75             | 116.70 | 326.30 | 188.50 | 40.34          | 24.55         | 22.48         | 31.36          | 51.42  | 35.70          | 11.06           | 27.26  | 268.09        |
| Dec.                          | 1,825.60 | 1,476.23         | 349.37           | 49.81  | 28.56  | 185.44            | 2.57              | 62.99             | 117.20 | 326.30 | 188.50 | 40.34          | 24.55         | 22.48         | 29.88          | 51.92  | 37.40          | 10.86           | 27.26  | 270.16        |
| <u>Oilseeds 2/</u>            |          |                  |                  |        |        |                   |                   |                   |        |        |        |                |               |               |                |        |                |                 |        |               |
| 2001/02                       | 324.90   | 235.07           | 89.83            | 6.66   | 0.35   | 13.88             | 0.05              | 5.38              | 9.16   | 52.19  | 24.05  | 1.93           | 3.99          | 0.40          | 34.31          | 44.98  | 2.96           | 1.31            | 1.90   | 31.57         |
| 2002/03 prel.                 | 328.97   | 245.19           | 83.78            | 6.67   | 0.29   | 13.54             | 0.07              | 5.49              | 11.12  | 52.67  | 18.83  | 1.83           | 3.80          | 0.38          | 39.52          | 54.18  | 1.49           | 0.95            | 2.34   | 32.04         |
| 2003/04 proj.                 |          |                  |                  |        |        |                   |                   |                   |        |        |        |                |               |               |                |        |                |                 |        |               |
| Nov.                          | 347.52   | 270.98           | 76.54            | 9.23   | 0.33   | 13.29             | 0.07              | 4.97              | 13.21  | 53.62  | 26.50  | 1.76           | 3.79          | 0.38          | 42.19          | 62.10  | 1.99           | 1.19            | 2.25   | 34.14         |
| Dec.                          | 344.94   | 268.40           | 76.54            | 9.09   | 0.33   | 13.22             | 0.07              | 5.02              | 13.21  | 53.42  | 26.59  | 1.76           | 3.87          | 0.38          | 40.20          | 62.10  | 1.99           | 1.22            | 2.06   | 33.88         |
| ---Million 480 pound bales--- |          |                  |                  |        |        |                   |                   |                   |        |        |        |                |               |               |                |        |                |                 |        |               |
| <u>Cotton</u>                 |          |                  |                  |        |        |                   |                   |                   |        |        |        |                |               |               |                |        |                |                 |        |               |
| 2001/02                       | 98.52    | 78.22            | 20.30            | 0.00   | 0.43   | 2.58              | 0.00              | 0.03              | 7.35   | 24.40  | 12.30  | 0.06           | 8.30          | 0.10          | 0.30           | 3.52   | 3.20           | 0.08            | 3.98   | 11.59         |
| 2002/03 prel.                 | 88.03    | 70.82            | 17.21            | 0.00   | 0.19   | 2.16              | 0.00              | 0.03              | 6.74   | 22.60  | 10.60  | 0.04           | 7.80          | 0.07          | 0.29           | 3.89   | 1.70           | 0.07            | 4.18   | 10.47         |
| 2003/04 proj.                 |          |                  |                  |        |        |                   |                   |                   |        |        |        |                |               |               |                |        |                |                 |        |               |
| Nov.                          | 92.14    | 73.93            | 18.22            | 0.00   | 0.30   | 2.10              | 0.00              | 0.03              | 6.55   | 22.00  | 12.50  | 0.04           | 7.90          | 0.07          | 0.53           | 5.00   | 1.20           | 0.20            | 4.20   | 11.32         |
| Dec.                          | 92.17    | 73.96            | 18.22            | 0.00   | 0.30   | 2.03              | 0.00              | 0.03              | 6.65   | 22.00  | 12.70  | 0.04           | 7.90          | 0.07          | 0.53           | 5.00   | 1.20           | 0.20            | 4.10   | 11.22         |

1/ Includes wheat, coarse grains, and rice (milled) shown above.

2/ Includes soybean, cottonseed, peanut (inshell), sunflowerseed, rapeseed for individual countries. Copra and palm kernel are added to world totals.

Note: Entries of 0.0 indicate no reported or insignificant production.

**TABLE 2**  
**Wheat Area, Yield, and Production**  
**World and Selected Countries and Regions**

| Country/Region  | Area             |         |                       |        | Yield                   |         |                       |      | Production          |         |                       |        | Change in Production |                |        |         |
|-----------------|------------------|---------|-----------------------|--------|-------------------------|---------|-----------------------|------|---------------------|---------|-----------------------|--------|----------------------|----------------|--------|---------|
|                 | Prel.<br>2001/02 | 2002/03 | 2003/04 Proj.<br>Nov. | Dec.   | Prel.<br>2001/02        | 2002/03 | 2003/04 Proj.<br>Nov. | Dec. | Prel.<br>2001/02    | 2002/03 | 2003/04 Proj.<br>Nov. | Dec.   | From last month      | From last year |        |         |
|                 | Million hectares |         |                       |        | Metric tons per hectare |         |                       |      | Million metric tons |         |                       |        | MMT                  | Percent        | MMT    | Percent |
| World           | 214.80           | 214.43  | 208.30                | 208.74 | 2.71                    | 2.64    | 2.63                  | 2.64 | 581.86              | 566.84  | 548.25                | 550.51 | 2.26                 | 0.41           | -16.33 | -2.88   |
| United States   | 19.68            | 18.58   | 21.38                 | 21.38  | 2.71                    | 2.37    | 2.97                  | 2.97 | 53.26               | 44.06   | 63.59                 | 63.59  | 0.00                 | 0.00           | 19.53  | 44.32   |
| Total Foreign   | 195.12           | 195.85  | 186.92                | 187.36 | 2.71                    | 2.67    | 2.59                  | 2.60 | 528.60              | 522.78  | 484.66                | 486.92 | 2.27                 | 0.47           | -35.86 | -6.86   |
| Major Exporters | 45.48            | 43.77   | 45.33                 | 45.60  | 3.34                    | 3.25    | 3.33                  | 3.32 | 151.91              | 142.43  | 151.00                | 151.50 | 0.50                 | 0.33           | 9.07   | 6.37    |
| European Union  | 16.48            | 17.99   | 17.10                 | 16.93  | 5.52                    | 5.77    | 5.38                  | 5.38 | 90.99               | 103.87  | 92.00                 | 91.00  | -1.00                | -1.09          | -12.87 | -12.39  |
| France          | 4.77             | 5.23    | 4.95                  | 4.91   | 6.62                    | 7.44    | 6.20                  | 6.27 | 31.57               | 38.93   | 30.70                 | 30.80  | 0.10                 | 0.33           | -8.13  | -20.89  |
| United Kingdom  | 1.64             | 2.00    | 1.90                  | 1.83   | 7.08                    | 8.00    | 7.79                  | 7.81 | 11.58               | 15.97   | 14.80                 | 14.30  | -0.50                | -3.38          | -1.67  | -10.47  |
| Germany         | 2.90             | 3.02    | 2.97                  | 2.97   | 7.88                    | 6.90    | 6.51                  | 6.51 | 22.84               | 20.82   | 19.30                 | 19.30  | 0.00                 | 0.00           | -1.52  | -7.29   |
| Canada          | 10.59            | 8.84    | 10.43                 | 10.47  | 1.94                    | 1.83    | 2.11                  | 2.24 | 20.57               | 16.20   | 22.00                 | 23.50  | 1.50                 | 6.82           | 7.30   | 45.08   |
| Australia       | 11.59            | 11.05   | 12.00                 | 12.50  | 2.14                    | 0.91    | 2.00                  | 1.96 | 24.85               | 10.06   | 24.00                 | 24.50  | 0.50                 | 2.08           | 14.44  | 143.59  |
| Argentina       | 6.83             | 5.90    | 5.80                  | 5.70   | 2.27                    | 2.08    | 2.24                  | 2.19 | 15.50               | 12.30   | 13.00                 | 12.50  | -0.50                | -3.85          | 0.20   | 1.63    |
| Major Importers | 92.11            | 94.26   | 83.38                 | 83.55  | 2.65                    | 2.60    | 2.38                  | 2.40 | 243.93              | 244.82  | 198.43                | 200.40 | 1.97                 | 0.99           | -44.43 | -18.15  |
| China           | 24.66            | 23.91   | 22.30                 | 22.30  | 3.81                    | 3.78    | 3.90                  | 3.90 | 93.87               | 90.29   | 87.00                 | 87.00  | 0.00                 | 0.00           | -3.29  | -3.64   |
| FSU-12          | 45.70            | 48.47   | 40.04                 | 40.04  | 2.00                    | 2.01    | 1.55                  | 1.55 | 91.33               | 97.39   | 61.88                 | 61.88  | 0.00                 | 0.00           | -35.51 | -36.46  |
| Russia          | 23.80            | 25.70   | 21.50                 | 21.50  | 1.97                    | 1.97    | 1.58                  | 1.58 | 46.90               | 50.55   | 34.00                 | 34.00  | 0.00                 | 0.00           | -16.55 | -32.74  |
| Ukraine         | 6.88             | 6.75    | 2.80                  | 2.80   | 3.10                    | 3.04    | 1.43                  | 1.43 | 21.35               | 20.55   | 4.00                  | 4.00   | 0.00                 | 0.00           | -16.55 | -80.54  |
| Kazakhstan      | 10.70            | 11.50   | 11.50                 | 11.50  | 1.19                    | 1.10    | 1.04                  | 1.04 | 12.70               | 12.60   | 12.00                 | 12.00  | 0.00                 | 0.00           | -0.60  | -4.76   |
| Baltic States   | 0.58             | 0.55    | 0.58                  | 0.58   | 2.84                    | 3.34    | 2.75                  | 2.75 | 1.63                | 1.85    | 1.58                  | 1.58   | 0.00                 | 0.00           | -0.27  | -14.36  |
| Central Europe  | 10.14            | 9.45    | 7.86                  | 7.86   | 3.44                    | 3.22    | 2.66                  | 2.67 | 34.90               | 30.46   | 20.92                 | 20.99  | 0.07                 | 0.31           | -9.47  | -31.10  |
| Poland          | 2.63             | 2.42    | 2.45                  | 2.45   | 3.53                    | 3.84    | 3.22                  | 3.22 | 9.28                | 9.30    | 7.90                  | 7.90   | 0.00                 | 0.00           | -1.40  | -15.03  |
| Iran            | 5.60             | 6.20    | 6.20                  | 6.30   | 1.70                    | 2.00    | 1.77                  | 1.97 | 9.50                | 12.40   | 11.00                 | 12.40  | 1.40                 | 12.73          | 0.00   | 0.00    |
| Egypt           | 1.00             | 1.01    | 1.00                  | 1.00   | 6.12                    | 6.10    | 6.15                  | 6.15 | 6.13                | 6.15    | 6.15                  | 6.15   | 0.00                 | 0.00           | 0.00   | 0.00    |
| Morocco         | 2.70             | 2.63    | 3.00                  | 3.00   | 1.23                    | 1.28    | 1.73                  | 1.73 | 3.32                | 3.36    | 5.20                  | 5.20   | 0.00                 | 0.00           | 1.84   | 54.90   |
| Brazil          | 1.73             | 2.04    | 2.40                  | 2.47   | 1.88                    | 1.44    | 1.96                  | 2.11 | 3.25                | 2.94    | 4.70                  | 5.20   | 0.50                 | 10.64          | 2.27   | 77.17   |
| Other Foreign   | 57.54            | 57.82   | 58.21                 | 58.21  | 2.31                    | 2.34    | 2.32                  | 2.32 | 132.76              | 135.53  | 135.23                | 135.03 | -0.20                | -0.15          | -0.50  | -0.37   |
| India           | 25.70            | 25.90   | 25.00                 | 25.00  | 2.71                    | 2.77    | 2.68                  | 2.68 | 69.68               | 71.81   | 67.00                 | 67.00  | 0.00                 | 0.00           | -4.81  | -6.70   |
| Turkey          | 8.50             | 8.55    | 8.60                  | 8.60   | 1.82                    | 1.96    | 2.00                  | 2.00 | 15.50               | 16.80   | 17.20                 | 17.20  | 0.00                 | 0.00           | 0.40   | 2.38    |
| Pakistan        | 8.10             | 8.06    | 8.00                  | 8.00   | 2.35                    | 2.26    | 2.28                  | 2.28 | 19.02               | 18.23   | 18.20                 | 18.20  | 0.00                 | 0.00           | -0.03  | -0.14   |
| Mexico          | 0.69             | 0.63    | 0.60                  | 0.60   | 4.77                    | 4.60    | 5.00                  | 5.00 | 3.27                | 2.90    | 3.00                  | 3.00   | 0.00                 | 0.00           | 0.10   | 3.45    |
| Saudi Arabia    | 0.45             | 0.45    | 0.45                  | 0.45   | 4.48                    | 4.48    | 4.48                  | 4.48 | 2.00                | 2.00    | 2.00                  | 2.00   | 0.00                 | 0.00           | 0.00   | 0.00    |
| South Africa    | 0.96             | 0.94    | 0.75                  | 0.75   | 2.60                    | 2.47    | 2.24                  | 1.97 | 2.49                | 2.32    | 1.68                  | 1.48   | -0.20                | -11.94         | -0.85  | -36.42  |
| Others          | 13.15            | 13.30   | 14.82                 | 14.82  | 1.58                    | 1.61    | 1.76                  | 1.76 | 20.79               | 21.47   | 26.15                 | 26.15  | 0.00                 | 0.00           | 4.68   | 21.79   |

**TABLE 3**  
**Total Coarse Grain Area, Yield, and Production**  
**World and Selected Countries and Regions**

|                        | Million hectares |               |               |               | Metric tons per hectare |             |             |             | Million metric tons |               |               |               | MMT         | Percent     | MMT           | Percent       |
|------------------------|------------------|---------------|---------------|---------------|-------------------------|-------------|-------------|-------------|---------------------|---------------|---------------|---------------|-------------|-------------|---------------|---------------|
| <b>World</b>           | <b>300.54</b>    | <b>292.52</b> | <b>300.80</b> | <b>301.06</b> | <b>2.97</b>             | <b>2.97</b> | <b>2.93</b> | <b>2.94</b> | <b>892.42</b>       | <b>869.91</b> | <b>882.58</b> | <b>883.78</b> | <b>1.20</b> | <b>0.14</b> | <b>13.88</b>  | <b>1.60</b>   |
| United States          | 33.93            | 33.64         | 35.15         | 35.15         | 7.72                    | 7.28        | 7.95        | 7.95        | 261.86              | 245.03        | 279.58        | 279.58        | 0.00        | 0.00        | 34.55         | 14.10         |
| <b>Total Foreign</b>   | <b>266.61</b>    | <b>258.88</b> | <b>265.65</b> | <b>265.90</b> | <b>2.37</b>             | <b>2.41</b> | <b>2.27</b> | <b>2.27</b> | <b>630.56</b>       | <b>624.88</b> | <b>603.00</b> | <b>604.21</b> | <b>1.20</b> | <b>0.20</b> | <b>-20.67</b> | <b>-3.31</b>  |
| <b>Major Exporters</b> | <b>48.04</b>     | <b>47.50</b>  | <b>47.51</b>  | <b>47.70</b>  | <b>3.88</b>             | <b>3.89</b> | <b>3.90</b> | <b>3.90</b> | <b>186.61</b>       | <b>184.64</b> | <b>185.52</b> | <b>186.05</b> | <b>0.53</b> | <b>0.29</b> | <b>1.41</b>   | <b>0.77</b>   |
| Canada                 | 6.94             | 6.22          | 7.73          | 7.54          | 3.26                    | 3.20        | 3.35        | 3.49        | 22.60               | 19.87         | 25.88         | 26.31         | 0.43        | 1.66        | 6.44          | 32.42         |
| Argentina              | 3.70             | 3.64          | 3.58          | 3.36          | 5.06                    | 5.34        | 5.00        | 5.01        | 18.73               | 19.44         | 17.90         | 16.80         | -1.10       | -6.14       | -2.64         | -13.57        |
| Australia              | 5.51             | 5.48          | 5.27          | 5.87          | 2.28                    | 1.20        | 2.10        | 2.09        | 12.56               | 6.55          | 11.06         | 12.26         | 1.20        | 10.85       | 5.70          | 87.07         |
| South Africa           | 4.41             | 4.45          | 4.22          | 4.22          | 2.37                    | 2.16        | 2.23        | 2.23        | 10.45               | 9.63          | 9.38          | 9.38          | 0.00        | 0.00        | -0.24         | -2.53         |
| China                  | 27.49            | 27.71         | 26.73         | 26.73         | 4.45                    | 4.66        | 4.54        | 4.54        | 122.27              | 129.15        | 121.30        | 121.30        | 0.00        | 0.00        | -7.85         | -6.08         |
| <b>Major Importers</b> | <b>79.12</b>     | <b>76.05</b>  | <b>77.01</b>  | <b>77.08</b>  | <b>3.17</b>             | <b>3.24</b> | <b>2.83</b> | <b>2.83</b> | <b>250.78</b>       | <b>246.15</b> | <b>217.74</b> | <b>218.21</b> | <b>0.47</b> | <b>0.22</b> | <b>-27.94</b> | <b>-11.35</b> |
| FSU-12                 | 32.74            | 31.37         | 33.11         | 33.11         | 1.90                    | 1.94        | 1.63        | 1.65        | 62.35               | 60.82         | 53.98         | 54.48         | 0.50        | 0.93        | -6.34         | -10.42        |
| Russia                 | 20.60            | 19.55         | 19.70         | 19.70         | 1.71                    | 1.71        | 1.45        | 1.47        | 35.15               | 33.40         | 28.50         | 29.00         | 0.50        | 1.75        | -4.40         | -13.17        |
| Ukraine                | 6.73             | 6.70          | 8.20          | 8.20          | 2.53                    | 2.55        | 1.99        | 1.99        | 17.03               | 17.10         | 16.30         | 16.30         | 0.00        | 0.00        | -0.80         | -4.68         |
| Kazakhstan             | 2.07             | 2.16          | 2.17          | 2.17          | 1.38                    | 1.32        | 1.15        | 1.15        | 2.86                | 2.84          | 2.50          | 2.50          | 0.00        | 0.00        | -0.34         | -11.82        |
| Baltic States          | 0.94             | 0.91          | 0.94          | 0.94          | 2.07                    | 2.08        | 2.02        | 2.02        | 1.94                | 1.89          | 1.89          | 1.89          | 0.00        | 0.00        | 0.00          | -0.05         |
| European Union         | 19.52            | 19.26         | 18.86         | 18.84         | 5.47                    | 5.52        | 4.93        | 4.92        | 106.76              | 106.37        | 92.95         | 92.75         | -0.20       | -0.22       | -13.62        | -12.80        |
| Germany                | 4.15             | 3.93          | 3.76          | 3.76          | 6.48                    | 5.75        | 5.13        | 5.13        | 26.87               | 22.57         | 19.25         | 19.25         | 0.00        | 0.00        | -3.32         | -14.72        |
| France                 | 4.07             | 4.00          | 3.87          | 3.87          | 6.96                    | 7.57        | 6.04        | 6.05        | 28.33               | 30.28         | 23.38         | 23.41         | 0.03        | 0.13        | -6.87         | -22.70        |
| Central Europe         | 15.50            | 14.88         | 14.55         | 14.64         | 3.29                    | 3.38        | 2.87        | 2.87        | 51.02               | 50.35         | 41.77         | 41.95         | 0.17        | 0.42        | -8.41         | -16.69        |
| Poland                 | 6.18             | 5.87          | 5.95          | 5.92          | 2.86                    | 2.99        | 2.57        | 2.64        | 17.68               | 17.54         | 15.26         | 15.61         | 0.35        | 2.29        | -1.93         | -11.02        |
| Romania                | 3.48             | 3.21          | 2.90          | 2.90          | 2.43                    | 2.60        | 2.36        | 2.36        | 8.46                | 8.37          | 6.86          | 6.86          | 0.00        | 0.00        | -1.51         | -18.05        |
| Czech Rep.             | 0.65             | 0.67          | 0.76          | 0.75          | 4.12                    | 4.03        | 3.99        | 3.85        | 2.66                | 2.70          | 3.04          | 2.89          | -0.15       | -4.78       | 0.19          | 7.20          |
| Mexico                 | 10.09            | 9.28          | 9.20          | 9.20          | 2.69                    | 2.70        | 2.77        | 2.77        | 27.17               | 25.02         | 25.45         | 25.45         | 0.00        | 0.00        | 0.43          | 1.72          |
| Other W. Europe        | 0.35             | 0.36          | 0.36          | 0.36          | 4.44                    | 4.72        | 4.72        | 4.72        | 1.54                | 1.69          | 1.69          | 1.69          | 0.00        | 0.00        | 0.00          | 0.00          |
| <b>Other Foreign</b>   | <b>139.45</b>    | <b>135.34</b> | <b>141.13</b> | <b>141.13</b> | <b>1.39</b>             | <b>1.43</b> | <b>1.42</b> | <b>1.42</b> | <b>193.17</b>       | <b>194.09</b> | <b>199.74</b> | <b>199.94</b> | <b>0.20</b> | <b>0.10</b> | <b>5.85</b>   | <b>3.02</b>   |
| Thailand               | 1.27             | 1.29          | 1.31          | 1.31          | 3.67                    | 3.48        | 3.57        | 3.57        | 4.65                | 4.50          | 4.68          | 4.68          | 0.00        | 0.00        | 0.18          | 4.00          |
| India                  | 29.80            | 25.55         | 29.55         | 29.55         | 1.16                    | 1.00        | 1.10        | 1.10        | 34.68               | 25.66         | 32.50         | 32.50         | 0.00        | 0.00        | 6.84          | 26.66         |
| Brazil                 | 12.66            | 13.97         | 13.02         | 13.02         | 2.91                    | 3.36        | 3.01        | 3.01        | 36.80               | 46.95         | 39.22         | 39.22         | 0.00        | 0.00        | -7.73         | -16.46        |
| Turkey                 | 4.45             | 4.53          | 4.45          | 4.45          | 2.14                    | 2.24        | 2.21        | 2.21        | 9.52                | 10.12         | 9.82          | 9.82          | 0.00        | 0.00        | -0.30         | -2.97         |
| Indonesia              | 3.00             | 3.05          | 3.20          | 3.20          | 2.00                    | 2.00        | 2.13        | 2.13        | 6.00                | 6.10          | 6.80          | 6.80          | 0.00        | 0.00        | 0.70          | 11.48         |
| Philippines            | 2.49             | 2.38          | 2.45          | 2.45          | 1.81                    | 1.81        | 1.80        | 1.80        | 4.51                | 4.30          | 4.40          | 4.40          | 0.00        | 0.00        | 0.10          | 2.33          |
| Others                 | 85.78            | 84.58         | 87.15         | 87.15         | 1.13                    | 1.14        | 1.17        | 1.18        | 97.03               | 96.47         | 102.33        | 102.53        | 0.20        | 0.20        | 6.06          | 6.28          |

**TABLE 4**  
**Corn Area, Yield, and Production**  
**World and Selected Countries and Regions**

| Country/Region  | Area             |               |        |               | Yield                   |               |       |               | Production          |                |        |        | Change in Production |         |        |         |
|-----------------|------------------|---------------|--------|---------------|-------------------------|---------------|-------|---------------|---------------------|----------------|--------|--------|----------------------|---------|--------|---------|
|                 | Prel.            | 2003/04 Proj. | Prel.  | 2003/04 Proj. | Prel.                   | 2003/04 Proj. | Prel. | 2003/04 Proj. | From last month     | From last year |        |        |                      |         |        |         |
|                 | 2001/02          | 2002/03       | Nov.   | Dec.          | 2001/02                 | 2002/03       | Nov.  | Dec.          | 2001/02             | 2002/03        | Nov.   | Dec.   | MMT                  | Percent | MMT    | Percent |
|                 | Million hectares |               |        |               | Metric tons per hectare |               |       |               | Million metric tons |                |        |        |                      |         |        |         |
| World           | 137.75           | 137.64        | 138.10 | 138.11        | 4.35                    | 4.38          | 4.42  | 4.42          | 599.35              | 602.51         | 609.79 | 610.03 | 0.24                 | 0.04    | 7.52   | 1.25    |
| United States   | 27.85            | 28.05         | 29.04  | 29.04         | 8.67                    | 8.16          | 8.99  | 8.99          | 241.49              | 228.81         | 261.07 | 261.07 | 0.00                 | 0.00    | 32.27  | 14.10   |
| Total Foreign   | 109.90           | 109.59        | 109.05 | 109.06        | 3.26                    | 3.41          | 3.20  | 3.20          | 357.86              | 373.71         | 348.72 | 348.96 | 0.24                 | 0.07    | -24.75 | -6.62   |
| Major Exporters | 30.27            | 30.66         | 29.50  | 29.40         | 4.59                    | 4.76          | 4.64  | 4.64          | 138.84              | 146.00         | 136.90 | 136.40 | -0.50                | -0.37   | -9.60  | -6.58   |
| Argentina       | 2.45             | 2.45          | 2.40   | 2.30          | 6.00                    | 6.33          | 5.83  | 5.87          | 14.70               | 15.50          | 14.00  | 13.50  | -0.50                | -3.57   | -2.00  | -12.90  |
| South Africa    | 3.53             | 3.58          | 3.30   | 3.30          | 2.84                    | 2.57          | 2.70  | 2.70          | 10.05               | 9.20           | 8.90   | 8.90   | 0.00                 | 0.00    | -0.30  | -3.26   |
| China           | 24.28            | 24.63         | 23.80  | 23.80         | 4.70                    | 4.92          | 4.79  | 4.79          | 114.09              | 121.30         | 114.00 | 114.00 | 0.00                 | 0.00    | -7.30  | -6.02   |
| Major Importers | 21.96            | 20.78         | 21.29  | 21.41         | 4.29                    | 4.57          | 3.87  | 3.86          | 94.30               | 95.04          | 82.28  | 82.62  | 0.33                 | 0.41    | -12.42 | -13.07  |
| Central Europe  | 6.92             | 6.59          | 6.39   | 6.51          | 3.87                    | 4.15          | 3.42  | 3.33          | 26.75               | 27.36          | 21.86  | 21.70  | -0.16                | -0.75   | -5.66  | -20.70  |
| Romania         | 2.91             | 2.67          | 2.40   | 2.40          | 2.41                    | 2.74          | 2.50  | 2.50          | 7.00                | 7.30           | 6.00   | 6.00   | 0.00                 | 0.00    | -1.30  | -17.81  |
| Serbia          | 1.20             | 1.20          | 1.25   | 1.25          | 4.50                    | 4.83          | 3.20  | 3.20          | 5.40                | 5.80           | 4.00   | 4.00   | 0.00                 | 0.00    | -1.80  | -31.03  |
| European Union  | 4.46             | 4.35          | 4.14   | 4.14          | 8.97                    | 9.21          | 7.38  | 7.38          | 40.01               | 40.09          | 30.50  | 30.50  | 0.00                 | 0.00    | -9.59  | -23.92  |
| France          | 1.91             | 1.83          | 1.62   | 1.62          | 8.57                    | 8.98          | 6.98  | 6.98          | 16.41               | 16.44          | 11.30  | 11.30  | 0.00                 | 0.00    | -5.14  | -31.27  |
| Italy           | 1.11             | 1.11          | 1.16   | 1.16          | 9.52                    | 9.50          | 7.07  | 7.07          | 10.55               | 10.56          | 8.20   | 8.20   | 0.00                 | 0.00    | -2.36  | -22.38  |
| Mexico          | 7.78             | 7.10          | 7.10   | 7.10          | 2.62                    | 2.65          | 2.68  | 2.68          | 20.40               | 18.80          | 19.00  | 19.00  | 0.00                 | 0.00    | 0.20   | 1.06    |
| FSU-12          | 2.75             | 2.69          | 3.61   | 3.61          | 2.47                    | 3.14          | 2.93  | 3.07          | 6.81                | 8.45           | 10.58  | 11.08  | 0.50                 | 4.73    | 2.64   | 31.20   |
| Russia          | 0.70             | 0.55          | 0.70   | 0.70          | 1.14                    | 2.82          | 2.14  | 2.86          | 0.80                | 1.55           | 1.50   | 2.00   | 0.50                 | 33.33   | 0.45   | 29.03   |
| Ukraine         | 1.12             | 1.20          | 2.00   | 2.00          | 3.24                    | 3.50          | 3.25  | 3.25          | 3.64                | 4.20           | 6.50   | 6.50   | 0.00                 | 0.00    | 2.30   | 54.76   |
| Other W. Europe | 0.02             | 0.03          | 0.03   | 0.03          | 9.25                    | 8.80          | 8.80  | 8.80          | 0.22                | 0.22           | 0.22   | 0.22   | 0.00                 | 0.00    | 0.00   | 0.00    |
| Others          | 0.03             | 0.03          | 0.03   | 0.03          | 4.54                    | 4.43          | 4.32  | 4.32          | 0.12                | 0.12           | 0.12   | 0.12   | 0.00                 | 0.00    | 0.00   | -2.42   |
| Other Foreign   | 57.67            | 58.15         | 58.27  | 58.26         | 2.16                    | 2.28          | 2.22  | 2.23          | 124.73              | 132.67         | 129.54 | 129.94 | 0.40                 | 0.31    | -2.73  | -2.06   |
| Thailand        | 1.18             | 1.13          | 1.15   | 1.15          | 3.81                    | 3.70          | 3.83  | 3.83          | 4.50                | 4.20           | 4.40   | 4.40   | 0.00                 | 0.00    | 0.20   | 4.76    |
| Brazil          | 11.83            | 13.00         | 12.10  | 12.10         | 3.00                    | 3.46          | 3.10  | 3.10          | 35.50               | 45.00          | 37.50  | 37.50  | 0.00                 | 0.00    | -7.50  | -16.67  |
| India           | 6.87             | 6.30          | 6.90   | 6.90          | 1.97                    | 1.76          | 1.88  | 1.88          | 13.51               | 11.10          | 13.00  | 13.00  | 0.00                 | 0.00    | 1.90   | 17.12   |
| Canada          | 1.27             | 1.28          | 1.24   | 1.23          | 6.62                    | 7.01          | 7.42  | 7.80          | 8.39                | 8.98           | 9.20   | 9.60   | 0.40                 | 4.35    | 0.63   | 6.96    |
| Indonesia       | 3.00             | 3.05          | 3.20   | 3.20          | 2.00                    | 2.00          | 2.13  | 2.13          | 6.00                | 6.10           | 6.80   | 6.80   | 0.00                 | 0.00    | 0.70   | 11.48   |
| Philippines     | 2.49             | 2.38          | 2.45   | 2.45          | 1.81                    | 1.81          | 1.80  | 1.80          | 4.51                | 4.30           | 4.40   | 4.40   | 0.00                 | 0.00    | 0.10   | 2.33    |
| Egypt           | 0.77             | 0.74          | 0.75   | 0.75          | 8.00                    | 8.00          | 7.87  | 7.87          | 6.16                | 5.88           | 5.90   | 5.90   | 0.00                 | 0.00    | 0.02   | 0.34    |
| Zimbabwe        | 1.40             | 1.40          | 1.35   | 1.35          | 0.36                    | 0.57          | 0.67  | 0.67          | 0.50                | 0.80           | 0.90   | 0.90   | 0.00                 | 0.00    | 0.10   | 12.50   |
| Others          | 28.87            | 28.87         | 29.13  | 29.13         | 1.58                    | 1.60          | 1.63  | 1.63          | 45.66               | 46.31          | 47.44  | 47.44  | 0.00                 | 0.00    | 1.13   | 2.43    |

**TABLE 5**  
**Barley Area, Yield, and Production**  
**World and Selected Countries and Regions**

| Country/Region   | Area  |         |         |                         | Yield |         |         |                     | Production |         |         |               | Change in Production |       |         |        |         |
|------------------|-------|---------|---------|-------------------------|-------|---------|---------|---------------------|------------|---------|---------|---------------|----------------------|-------|---------|--------|---------|
|                  | Prel. | 2001/02 | 2002/03 | 2003/04 Proj.           | Prel. | 2001/02 | 2002/03 | 2003/04 Proj.       | Prel.      | 2001/02 | 2002/03 | 2003/04 Proj. | From last month      | MMT   | Percent | MMT    | Percent |
|                  |       |         |         | Nov.<br>Dec.            |       |         |         | Dec.                |            |         |         | Nov.<br>Dec.  |                      |       |         |        |         |
| Million hectares |       |         |         | Metric tons per hectare |       |         |         | Million metric tons |            |         |         |               |                      |       |         |        |         |
| World            | 56.82 | 56.15   | 59.13   | 59.45                   | 2.50  | 2.37    | 2.30    | 2.31                | 141.79     | 132.79  | 136.11  | 137.25        | 1.14                 | 0.84  | 4.46    | 3.36   |         |
| United States    | 1.74  | 1.67    | 1.90    | 1.90                    | 3.13  | 2.95    | 3.17    | 3.17                | 5.43       | 4.93    | 6.01    | 6.01          | 0.00                 | 0.00  | 1.08    | 21.85  |         |
| Total Foreign    | 55.08 | 54.48   | 57.23   | 57.55                   | 2.48  | 2.35    | 2.27    | 2.28                | 136.36     | 127.86  | 130.10  | 131.24        | 1.14                 | 0.88  | 3.38    | 2.65   |         |
| European Union   | 10.74 | 10.54   | 10.60   | 10.58                   | 4.48  | 4.56    | 4.44    | 4.43                | 48.09      | 48.02   | 47.00   | 46.80         | -0.20                | -0.43 | -1.22   | -2.55  |         |
| Denmark          | 0.74  | 0.83    | 0.71    | 0.71                    | 5.33  | 5.00    | 5.35    | 5.31                | 3.97       | 4.12    | 3.80    | 3.77          | -0.03                | -0.79 | -0.35   | -8.52  |         |
| France           | 1.71  | 1.64    | 1.75    | 1.75                    | 5.75  | 6.69    | 5.64    | 5.66                | 9.81       | 10.99   | 9.84    | 9.87          | 0.03                 | 0.30  | -1.12   | -10.17 |         |
| Germany          | 2.11  | 1.97    | 2.09    | 2.09                    | 6.39  | 5.55    | 5.12    | 5.12                | 13.50      | 10.93   | 10.67   | 10.67         | 0.00                 | 0.00  | -0.26   | -2.36  |         |
| Italy            | 0.33  | 0.34    | 0.31    | 0.31                    | 3.38  | 3.47    | 3.39    | 3.48                | 1.13       | 1.19    | 1.05    | 1.08          | 0.03                 | 2.86  | -0.11   | -9.24  |         |
| Spain            | 2.99  | 3.10    | 3.08    | 3.09                    | 2.09  | 2.69    | 2.86    | 2.82                | 6.25       | 8.33    | 8.80    | 8.70          | -0.10                | -1.14 | 0.37    | 4.40   |         |
| United Kingdom   | 1.25  | 1.10    | 1.10    | 1.08                    | 5.35  | 5.57    | 6.03    | 6.05                | 6.66       | 6.13    | 6.60    | 6.50          | -0.10                | -1.52 | 0.37    | 6.07   |         |
| FSU-12           | 17.22 | 17.25   | 18.57   | 18.57                   | 2.03  | 1.97    | 1.52    | 1.52                | 34.93      | 33.97   | 28.19   | 28.19         | 0.00                 | 0.00  | -5.78   | -17.00 |         |
| Russia           | 10.20 | 10.25   | 10.50   | 10.50                   | 1.91  | 1.82    | 1.48    | 1.48                | 19.50      | 18.70   | 15.50   | 15.50         | 0.00                 | 0.00  | -3.20   | -17.11 |         |
| Ukraine          | 3.92  | 4.15    | 5.00    | 5.00                    | 2.60  | 2.49    | 1.60    | 1.60                | 10.19      | 10.35   | 8.00    | 8.00          | 0.00                 | 0.00  | -2.35   | -22.71 |         |
| Kazakstan        | 1.70  | 1.75    | 1.80    | 1.80                    | 1.29  | 1.26    | 1.11    | 1.11                | 2.20       | 2.20    | 2.00    | 2.00          | 0.00                 | 0.00  | -0.20   | -9.09  |         |
| Baltic States    | 0.60  | 0.63    | 0.60    | 0.60                    | 2.19  | 2.11    | 2.13    | 2.13                | 1.32       | 1.34    | 1.28    | 1.28          | 0.00                 | 0.00  | -0.06   | -4.57  |         |
| Central Europe   | 2.97  | 3.05    | 2.91    | 2.81                    | 3.30  | 3.06    | 2.72    | 2.82                | 9.79       | 9.33    | 7.92    | 7.91          | -0.01                | -0.13 | -1.41   | -15.15 |         |
| Poland           | 1.07  | 1.06    | 1.10    | 1.00                    | 3.11  | 3.18    | 2.55    | 2.80                | 3.33       | 3.37    | 2.80    | 2.80          | 0.00                 | 0.00  | -0.57   | -16.89 |         |
| Czech Rep.       | 0.50  | 0.49    | 0.55    | 0.55                    | 3.97  | 3.67    | 3.82    | 3.76                | 1.97       | 1.79    | 2.10    | 2.07          | -0.03                | -1.43 | 0.28    | 15.45  |         |
| Romania          | 0.32  | 0.30    | 0.25    | 0.25                    | 3.34  | 2.23    | 1.80    | 1.80                | 1.06       | 0.66    | 0.45    | 0.45          | 0.00                 | 0.00  | -0.21   | -31.82 |         |
| Canada           | 4.15  | 3.35    | 4.51    | 4.45                    | 2.61  | 2.24    | 2.69    | 2.76                | 10.85      | 7.49    | 12.15   | 12.30         | 0.15                 | 1.23  | 4.81    | 64.24  |         |
| Other W. Europe  | 0.22  | 0.22    | 0.22    | 0.22                    | 3.98  | 4.32    | 4.32    | 4.32                | 0.86       | 0.95    | 0.95    | 0.95          | 0.00                 | 0.00  | 0.00    | 0.00   |         |
| Norway           | 0.17  | 0.18    | 0.18    | 0.18                    | 3.54  | 3.71    | 3.71    | 3.71                | 0.61       | 0.65    | 0.65    | 0.65          | 0.00                 | 0.00  | 0.00    | 0.00   |         |
| Turkey           | 3.50  | 3.55    | 3.45    | 3.45                    | 1.97  | 2.08    | 2.03    | 2.03                | 6.90       | 7.40    | 7.00    | 7.00          | 0.00                 | 0.00  | -0.40   | -5.41  |         |
| Australia        | 3.72  | 3.77    | 3.50    | 4.00                    | 2.26  | 0.98    | 2.00    | 2.00                | 8.42       | 3.71    | 7.00    | 8.00          | 1.00                 | 14.29 | 4.29    | 115.46 |         |
| China            | 0.77  | 0.73    | 0.65    | 0.65                    | 3.76  | 3.41    | 3.41    | 3.41                | 2.89       | 2.47    | 2.20    | 2.20          | 0.00                 | 0.00  | -0.27   | -10.93 |         |
| Morocco          | 2.13  | 2.00    | 2.15    | 2.15                    | 0.54  | 0.83    | 1.30    | 1.30                | 1.16       | 1.67    | 2.80    | 2.80          | 0.00                 | 0.00  | 1.13    | 67.77  |         |
| India            | 0.75  | 0.75    | 0.75    | 0.75                    | 1.90  | 2.00    | 2.00    | 2.00                | 1.43       | 1.50    | 1.50    | 1.50          | 0.00                 | 0.00  | 0.00    | 0.00   |         |
| Others           | 8.31  | 8.64    | 9.33    | 9.33                    | 1.17  | 1.16    | 1.30    | 1.32                | 9.71       | 10.02   | 12.11   | 12.31         | 0.20                 | 1.65  | 2.30    | 22.91  |         |

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**TABLE 6**  
**Oats Area, Yield, and Production**  
**World and Selected Countries and Regions**

| Country/Region         | Area  |         |         |               | Yield |         |         |               | Production |         |         |               | Change in Production |                |         |        |         |
|------------------------|-------|---------|---------|---------------|-------|---------|---------|---------------|------------|---------|---------|---------------|----------------------|----------------|---------|--------|---------|
|                        | Prel. | 2001/02 | 2002/03 | 2003/04 Proj. | Prel. | 2001/02 | 2002/03 | 2003/04 Proj. | Prel.      | 2001/02 | 2002/03 | 2003/04 Proj. | From last month      | MMT            | Percent | MMT    | Percent |
|                        |       |         |         | Nov.<br>Dec.  |       |         |         | Nov.<br>Dec.  |            |         |         | Nov.<br>Dec.  |                      | From last year |         |        |         |
| Million hectares       |       |         |         |               |       |         |         |               |            |         |         |               |                      |                |         |        |         |
| World                  | 14.29 | 14.10   | 14.23   | 14.23         | 1.90  | 1.82    | 1.87    | 1.89          | 27.10      | 25.66   | 26.67   | 26.85         | 0.18                 | 0.67           | 1.19    | 4.63   |         |
| United States          | 0.77  | 0.85    | 0.90    | 0.90          | 2.20  | 2.03    | 2.33    | 2.33          | 1.70       | 1.72    | 2.10    | 2.10          | 0.00                 | 0.00           | 0.38    | 21.95  |         |
| Total Foreign          | 13.52 | 13.26   | 13.33   | 13.33         | 1.88  | 1.81    | 1.84    | 1.86          | 25.40      | 23.94   | 24.57   | 24.75         | 0.18                 | 0.73           | 0.81    | 3.38   |         |
| FSU-12                 | 5.87  | 5.26    | 5.26    | 5.26          | 1.64  | 1.40    | 1.41    | 1.41          | 9.65       | 7.36    | 7.41    | 7.41          | 0.00                 | 0.00           | 0.05    | 0.68   |         |
| Russia                 | 4.90  | 4.40    | 4.30    | 4.30          | 1.57  | 1.30    | 1.40    | 1.40          | 7.70       | 5.70    | 6.00    | 6.00          | 0.00                 | 0.00           | 0.30    | 5.26   |         |
| Ukraine                | 0.56  | 0.50    | 0.60    | 0.60          | 2.00  | 1.90    | 1.33    | 1.33          | 1.12       | 0.95    | 0.80    | 0.80          | 0.00                 | 0.00           | -0.15   | -15.79 |         |
| Belarus                | 0.30  | 0.25    | 0.25    | 0.25          | 2.00  | 2.40    | 2.00    | 2.00          | 0.60       | 0.60    | 0.50    | 0.50          | 0.00                 | 0.00           | -0.10   | -16.67 |         |
| Baltic States          | 0.15  | 0.14    | 0.15    | 0.15          | 1.62  | 1.73    | 1.53    | 1.53          | 0.24       | 0.24    | 0.23    | 0.23          | 0.00                 | 0.00           | -0.01   | -4.96  |         |
| Maj. Foreign Exporters | 2.40  | 2.61    | 2.67    | 2.70          | 1.99  | 1.66    | 2.07    | 2.11          | 4.78       | 4.32    | 5.52    | 5.70          | 0.18                 | 3.26           | 1.38    | 31.88  |         |
| Canada                 | 1.24  | 1.38    | 1.64    | 1.57          | 2.17  | 2.11    | 2.27    | 2.36          | 2.69       | 2.91    | 3.72    | 3.70          | -0.02                | -0.54          | 0.79    | 27.10  |         |
| Australia              | 0.77  | 0.91    | 0.80    | 0.90          | 1.86  | 1.02    | 1.75    | 1.78          | 1.44       | 0.93    | 1.40    | 1.60          | 0.20                 | 14.29          | 0.67    | 72.79  |         |
| Argentina              | 0.39  | 0.32    | 0.23    | 0.23          | 1.67  | 1.51    | 1.74    | 1.74          | 0.65       | 0.49    | 0.40    | 0.40          | 0.00                 | 0.00           | -0.09   | -17.53 |         |
| Other Foreign          | 5.11  | 5.25    | 5.25    | 5.22          | 2.10  | 2.29    | 2.17    | 2.18          | 10.74      | 12.01   | 11.41   | 11.41         | 0.00                 | 0.00           | -0.61   | -5.05  |         |
| China                  | 0.50  | 0.50    | 0.50    | 0.50          | 1.20  | 1.20    | 1.20    | 1.20          | 0.60       | 0.60    | 0.60    | 0.60          | 0.00                 | 0.00           | 0.00    | 0.00   |         |
| European Union         | 1.96  | 2.10    | 2.10    | 2.10          | 3.17  | 3.44    | 3.26    | 3.26          | 6.21       | 7.23    | 6.85    | 6.85          | 0.00                 | 0.00           | -0.38   | -5.23  |         |
| France                 | 0.12  | 0.15    | 0.13    | 0.13          | 4.11  | 5.05    | 4.38    | 4.38          | 0.49       | 0.77    | 0.57    | 0.57          | 0.00                 | 0.00           | -0.20   | -26.26 |         |
| Germany                | 0.23  | 0.23    | 0.26    | 0.26          | 4.94  | 4.36    | 4.62    | 4.62          | 1.15       | 1.02    | 1.20    | 1.20          | 0.00                 | 0.00           | 0.18    | 18.11  |         |
| Italy                  | 0.14  | 0.15    | 0.15    | 0.15          | 2.21  | 2.18    | 2.00    | 2.00          | 0.31       | 0.33    | 0.30    | 0.30          | 0.00                 | 0.00           | -0.03   | -8.81  |         |
| Finland                | 0.42  | 0.45    | 0.44    | 0.44          | 3.09  | 3.35    | 3.30    | 3.07          | 1.29       | 1.51    | 1.45    | 1.35          | -0.10                | -6.90          | -0.16   | -10.48 |         |
| Sweden                 | 0.27  | 0.29    | 0.28    | 0.28          | 3.54  | 4.10    | 3.54    | 3.89          | 0.96       | 1.18    | 0.99    | 1.09          | 0.10                 | 10.10          | -0.09   | -7.71  |         |
| Central Europe         | 1.06  | 1.13    | 1.12    | 1.10          | 2.17  | 2.19    | 1.99    | 2.04          | 2.29       | 2.48    | 2.23    | 2.23          | 0.00                 | 0.00           | -0.25   | -10.23 |         |
| Czech Rep.             | 0.05  | 0.06    | 0.08    | 0.08          | 2.83  | 2.75    | 2.94    | 2.94          | 0.14       | 0.17    | 0.24    | 0.24          | 0.00                 | 0.00           | 0.07    | 39.88  |         |
| Poland                 | 0.53  | 0.59    | 0.55    | 0.53          | 2.46  | 2.50    | 2.18    | 2.29          | 1.31       | 1.48    | 1.20    | 1.20          | 0.00                 | 0.00           | -0.28   | -18.92 |         |
| Serbia                 | 0.07  | 0.07    | 0.07    | 0.07          | 1.92  | 1.92    | 1.69    | 1.69          | 0.13       | 0.13    | 0.11    | 0.11          | 0.00                 | 0.00           | -0.02   | -12.00 |         |
| Norway                 | 0.08  | 0.09    | 0.09    | 0.09          | 4.01  | 4.44    | 4.44    | 4.44          | 0.33       | 0.40    | 0.40    | 0.40          | 0.00                 | 0.00           | 0.00    | 0.00   |         |
| Turkey                 | 0.15  | 0.15    | 0.15    | 0.15          | 1.72  | 1.72    | 1.72    | 1.72          | 0.25       | 0.25    | 0.25    | 0.25          | 0.00                 | 0.00           | 0.00    | 0.00   |         |
| Others                 | 1.36  | 1.28    | 1.29    | 1.29          | 0.78  | 0.82    | 0.83    | 0.83          | 1.06       | 1.05    | 1.08    | 1.08          | 0.00                 | 0.00           | 0.03    | 2.48   |         |

**TABLE 7**  
**Rye Area, Yield, and Production**  
**World and Selected Countries and Regions**

| Country/Region | Area             |         |               |      | Yield                   |         |               |      | Production          |         |               |       | Change in Production |         |                |         |
|----------------|------------------|---------|---------------|------|-------------------------|---------|---------------|------|---------------------|---------|---------------|-------|----------------------|---------|----------------|---------|
|                | Prel.            |         | 2003/04 Proj. |      | Prel.                   |         | 2003/04 Proj. |      | Prel.               |         | 2003/04 Proj. |       | From last month      |         | From last year |         |
|                | 2001/02          | 2002/03 | Nov.          | Dec. | 2001/02                 | 2002/03 | Nov.          | Dec. | 2001/02             | 2002/03 | Nov.          | Dec.  | MMT                  | Percent | MMT            | Percent |
|                | Million hectares |         |               |      | Metric tons per hectare |         |               |      | Million metric tons |         |               |       |                      |         |                |         |
| World          | 9.49             | 8.85    | 7.81          | 7.80 | 2.41                    | 2.33    | 1.95          | 1.95 | 22.92               | 20.60   | 15.23         | 15.24 | 0.01                 | 0.07    | -5.36          | -26.03  |
| United States  | 0.10             | 0.11    | 0.14          | 0.14 | 1.72                    | 1.55    | 1.72          | 1.72 | 0.18                | 0.18    | 0.24          | 0.24  | 0.00                 | 0.00    | 0.06           | 32.77   |
| Total Foreign  | 9.39             | 8.73    | 7.67          | 7.66 | 2.42                    | 2.34    | 1.96          | 1.96 | 22.74               | 20.42   | 14.99         | 15.00 | 0.01                 | 0.07    | -5.42          | -26.54  |
| FSU-12         | 5.35             | 5.37    | 4.37          | 4.37 | 1.89                    | 1.97    | 1.61          | 1.61 | 10.10               | 10.60   | 7.05          | 7.05  | 0.00                 | 0.00    | -3.55          | -33.49  |
| Russia         | 3.60             | 3.75    | 3.20          | 3.20 | 1.83                    | 1.91    | 1.56          | 1.56 | 6.60                | 7.15    | 5.00          | 5.00  | 0.00                 | 0.00    | -2.15          | -30.07  |
| Ukraine        | 0.88             | 0.75    | 0.40          | 0.40 | 2.07                    | 2.00    | 2.00          | 2.00 | 1.82                | 1.50    | 0.80          | 0.80  | 0.00                 | 0.00    | -0.70          | -46.67  |
| Belarus        | 0.80             | 0.80    | 0.70          | 0.70 | 2.00                    | 2.38    | 1.71          | 1.71 | 1.60                | 1.90    | 1.20          | 1.20  | 0.00                 | 0.00    | -0.70          | -36.84  |
| Baltic States  | 0.19             | 0.13    | 0.19          | 0.19 | 2.04                    | 2.34    | 2.08          | 2.08 | 0.38                | 0.31    | 0.39          | 0.39  | 0.00                 | 0.00    | 0.07           | 23.00   |
| Major Exporter |                  |         |               |      |                         |         |               |      |                     |         |               |       |                      |         |                |         |
| Canada         | 0.12             | 0.08    | 0.16          | 0.15 | 1.85                    | 1.74    | 2.06          | 2.20 | 0.23                | 0.13    | 0.32          | 0.33  | 0.01                 | 3.13    | 0.20           | 146.27  |
| Other Foreign  | 3.73             | 3.15    | 2.96          | 2.96 | 3.23                    | 2.98    | 2.45          | 2.45 | 12.03               | 9.38    | 7.24          | 7.24  | 0.00                 | 0.00    | -2.14          | -22.79  |
| Central Europe | 2.19             | 1.77    | 1.78          | 1.78 | 2.45                    | 2.40    | 2.02          | 2.02 | 5.37                | 4.26    | 3.60          | 3.60  | 0.00                 | 0.00    | -0.66          | -15.55  |
| Hungary        | 0.05             | 0.05    | 0.05          | 0.05 | 2.42                    | 2.00    | 1.40          | 1.40 | 0.12                | 0.10    | 0.07          | 0.07  | 0.00                 | 0.00    | -0.03          | -30.00  |
| Poland         | 2.00             | 1.59    | 1.60          | 1.60 | 2.43                    | 2.41    | 2.00          | 2.00 | 4.86                | 3.82    | 3.20          | 3.20  | 0.00                 | 0.00    | -0.62          | -16.27  |
| Czech Rep.     | 0.04             | 0.04    | 0.04          | 0.04 | 3.73                    | 3.40    | 3.75          | 3.75 | 0.15                | 0.12    | 0.15          | 0.15  | 0.00                 | 0.00    | 0.03           | 26.05   |
| European Union | 1.22             | 1.07    | 0.88          | 0.88 | 5.14                    | 4.40    | 3.71          | 3.71 | 6.26                | 4.72    | 3.25          | 3.25  | 0.00                 | 0.00    | -1.47          | -31.11  |
| Denmark        | 0.07             | 0.05    | 0.04          | 0.04 | 5.11                    | 5.00    | 4.25          | 4.25 | 0.33                | 0.23    | 0.17          | 0.17  | 0.00                 | 0.00    | -0.06          | -26.09  |
| France         | 0.03             | 0.03    | 0.03          | 0.03 | 4.14                    | 4.79    | 4.00          | 4.00 | 0.12                | 0.14    | 0.12          | 0.12  | 0.00                 | 0.00    | -0.02          | -13.67  |
| Germany        | 0.84             | 0.73    | 0.53          | 0.53 | 6.13                    | 5.04    | 4.34          | 4.34 | 5.13                | 3.67    | 2.30          | 2.30  | 0.00                 | 0.00    | -1.37          | -37.26  |
| Spain          | 0.10             | 0.10    | 0.11          | 0.11 | 1.06                    | 1.71    | 1.73          | 1.73 | 0.11                | 0.17    | 0.19          | 0.19  | 0.00                 | 0.00    | 0.02           | 9.20    |
| Austria        | 0.05             | 0.05    | 0.04          | 0.04 | 4.20                    | 3.59    | 3.25          | 3.25 | 0.21                | 0.18    | 0.13          | 0.13  | 0.00                 | 0.00    | -0.05          | -26.14  |
| Sweden         | 0.03             | 0.02    | 0.03          | 0.03 | 5.29                    | 5.33    | 4.80          | 4.80 | 0.18                | 0.13    | 0.12          | 0.12  | 0.00                 | 0.00    | -0.01          | -6.25   |
| Turkey         | 0.18             | 0.18    | 0.18          | 0.18 | 1.39                    | 1.39    | 1.39          | 1.39 | 0.25                | 0.25    | 0.25          | 0.25  | 0.00                 | 0.00    | 0.00           | 0.00    |
| Others         | 0.14             | 0.13    | 0.13          | 0.13 | 1.11                    | 1.19    | 1.12          | 1.12 | 0.15                | 0.15    | 0.14          | 0.14  | 0.00                 | 0.00    | -0.01          | -4.67   |

**TABLE 8**  
**Sorghum Area, Yield, and Production**  
**World and Selected Countries and Regions**

| Country/Region | Area             |         |                       |       | Yield                   |         |                       |      | Production          |         |                       |       | Change in Production |                |       |         |
|----------------|------------------|---------|-----------------------|-------|-------------------------|---------|-----------------------|------|---------------------|---------|-----------------------|-------|----------------------|----------------|-------|---------|
|                | Prel.<br>2001/02 | 2002/03 | 2003/04 Proj.<br>Nov. | Dec.  | Prel.<br>2001/02        | 2002/03 | 2003/04 Proj.<br>Nov. | Dec. | Prel.<br>2001/02    | 2002/03 | 2003/04 Proj.<br>Nov. | Dec.  | From last month      | From last year |       |         |
|                | Million hectares |         |                       |       | Metric tons per hectare |         |                       |      | Million metric tons |         |                       |       | MMT                  | Percent        | MMT   | Percent |
| World          | 40.25            | 38.07   | 39.95                 | 39.82 | 1.43                    | 1.32    | 1.35                  | 1.34 | 57.66               | 50.42   | 54.05                 | 53.45 | -0.60                | -1.11          | 3.03  | 6.01    |
| United States  | 3.47             | 2.95    | 3.18                  | 3.18  | 3.76                    | 3.18    | 3.20                  | 3.20 | 13.07               | 9.39    | 10.16                 | 10.16 | 0.00                 | 0.00           | 0.77  | 8.19    |
| Total Foreign  | 36.78            | 35.12   | 36.77                 | 36.64 | 1.21                    | 1.17    | 1.19                  | 1.18 | 44.59               | 41.02   | 43.88                 | 43.28 | -0.60                | -1.37          | 2.26  | 5.51    |
| India          | 10.18            | 9.50    | 9.90                  | 9.90  | 0.82                    | 0.74    | 0.81                  | 0.81 | 8.39                | 7.06    | 8.00                  | 8.00  | 0.00                 | 0.00           | 0.94  | 13.31   |
| China          | 0.78             | 0.75    | 0.71                  | 0.71  | 3.48                    | 3.61    | 3.52                  | 3.52 | 2.72                | 2.71    | 2.50                  | 2.50  | 0.00                 | 0.00           | -0.21 | -7.75   |
| Mexico         | 1.89             | 1.76    | 1.70                  | 1.70  | 3.12                    | 3.04    | 3.29                  | 3.29 | 5.90                | 5.35    | 5.60                  | 5.60  | 0.00                 | 0.00           | 0.25  | 4.67    |
| Nigeria        | 6.75             | 6.75    | 6.80                  | 6.80  | 1.16                    | 1.16    | 1.18                  | 1.18 | 7.80                | 7.85    | 8.00                  | 8.00  | 0.00                 | 0.00           | 0.15  | 1.91    |
| Sudan          | 5.80             | 4.80    | 6.00                  | 6.00  | 0.75                    | 0.58    | 0.73                  | 0.73 | 4.37                | 2.80    | 4.35                  | 4.35  | 0.00                 | 0.00           | 1.55  | 55.36   |
| Argentina      | 0.54             | 0.55    | 0.58                  | 0.45  | 5.07                    | 5.09    | 4.70                  | 4.67 | 2.75                | 2.80    | 2.70                  | 2.10  | -0.60                | -22.22         | -0.70 | -25.00  |
| Australia      | 0.85             | 0.67    | 0.80                  | 0.80  | 2.49                    | 2.29    | 2.63                  | 2.63 | 2.12                | 1.54    | 2.10                  | 2.10  | 0.00                 | 0.00           | 0.56  | 36.28   |
| Ethiopia       | 1.18             | 1.20    | 1.20                  | 1.20  | 1.31                    | 0.92    | 1.00                  | 1.00 | 1.54                | 1.10    | 1.20                  | 1.20  | 0.00                 | 0.00           | 0.10  | 9.09    |
| Colombia       | 0.06             | 0.06    | 0.06                  | 0.06  | 2.83                    | 2.83    | 2.83                  | 2.83 | 0.17                | 0.17    | 0.17                  | 0.17  | 0.00                 | 0.00           | 0.00  | 0.00    |
| Venezuela      | 0.14             | 0.14    | 0.14                  | 0.14  | 2.65                    | 2.36    | 2.44                  | 2.44 | 0.36                | 0.33    | 0.33                  | 0.33  | 0.00                 | 0.00           | 0.00  | 0.00    |
| Egypt          | 0.16             | 0.16    | 0.16                  | 0.16  | 4.69                    | 4.69    | 4.69                  | 4.69 | 0.75                | 0.75    | 0.75                  | 0.75  | 0.00                 | 0.00           | 0.00  | 0.00    |
| Yemen          | 0.40             | 0.40    | 0.40                  | 0.40  | 0.90                    | 0.90    | 0.90                  | 0.90 | 0.36                | 0.36    | 0.36                  | 0.36  | 0.00                 | 0.00           | 0.00  | 0.00    |
| Tanzania       | 0.60             | 0.70    | 0.75                  | 0.75  | 0.92                    | 1.00    | 0.77                  | 0.77 | 0.55                | 0.70    | 0.58                  | 0.58  | 0.00                 | 0.00           | -0.12 | -17.14  |
| Niger          | 1.50             | 1.50    | 1.50                  | 1.50  | 0.43                    | 0.47    | 0.43                  | 0.43 | 0.65                | 0.70    | 0.65                  | 0.65  | 0.00                 | 0.00           | -0.05 | -7.14   |
| South Africa   | 0.08             | 0.09    | 0.11                  | 0.11  | 2.63                    | 2.31    | 1.82                  | 1.82 | 0.20                | 0.20    | 0.20                  | 0.20  | 0.00                 | 0.00           | 0.00  | 2.04    |
| Thailand       | 0.09             | 0.16    | 0.16                  | 0.16  | 1.69                    | 1.88    | 1.75                  | 1.75 | 0.15                | 0.30    | 0.28                  | 0.28  | 0.00                 | 0.00           | -0.02 | -6.67   |
| Others         | 5.78             | 5.93    | 5.81                  | 5.81  | 1.01                    | 1.06    | 1.05                  | 1.05 | 5.82                | 6.31    | 6.11                  | 6.11  | 0.00                 | 0.00           | -0.19 | -3.04   |

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**TABLE 9**  
**Rice Area, Yield, and Production**  
**World and Selected Countries and Regions**

| Country/Region  | Area             |         |               |        | Yield (Rough)           |         |               |      | Production (Milled) |         |               |        | Change in Production |         |                |         |
|-----------------|------------------|---------|---------------|--------|-------------------------|---------|---------------|------|---------------------|---------|---------------|--------|----------------------|---------|----------------|---------|
|                 | Prel.            |         | 2003/04 Proj. |        | Prel.                   |         | 2003/04 Proj. |      | Prel.               |         | 2003/04 Proj. |        | From last month      |         | From last year |         |
|                 | 2001/02          | 2002/03 | Nov.          | Dec.   | 2001/02                 | 2002/03 | Nov.          | Dec. | 2001/02             | 2002/03 | Nov.          | Dec.   | MMT                  | Percent | MMT            | Percent |
|                 | Million hectares |         |               |        | Metric tons per hectare |         |               |      | Million metric tons |         |               |        | MMT                  | Percent | MMT            | Percent |
| World           | 150.91           | 145.63  | 149.41        | 149.36 | 3.93                    | 3.89    | 3.90          | 3.90 | 398.60              | 380.09  | 390.65        | 391.30 | 0.66                 | 0.17    | 11.22          | 2.95    |
| United States   | 1.34             | 1.30    | 1.21          | 1.21   | 7.28                    | 7.37    | 7.46          | 7.46 | 6.71                | 6.54    | 6.20          | 6.20   | 0.00                 | 0.00    | -0.33          | -5.08   |
| Total Foreign   | 149.57           | 144.33  | 148.20        | 148.16 | 3.90                    | 3.85    | 3.87          | 3.87 | 391.89              | 373.55  | 384.44        | 385.10 | 0.66                 | 0.17    | 11.55          | 3.09    |
| Major Exporters | 64.31            | 59.60   | 63.82         | 63.82  | 3.17                    | 2.99    | 3.12          | 3.12 | 135.50              | 118.38  | 132.30        | 132.30 | 0.00                 | 0.00    | 13.92          | 11.76   |
| Vietnam         | 7.47             | 7.41    | 7.32          | 7.32   | 4.27                    | 4.36    | 4.35          | 4.35 | 21.04               | 21.33   | 21.00         | 21.00  | 0.00                 | 0.00    | -0.33          | -1.55   |
| Thailand        | 10.13            | 9.99    | 10.30         | 10.30  | 2.62                    | 2.60    | 2.62          | 2.62 | 17.50               | 17.12   | 17.80         | 17.80  | 0.00                 | 0.00    | 0.68           | 3.95    |
| India           | 44.60            | 40.00   | 44.00         | 44.00  | 3.13                    | 2.84    | 3.03          | 3.03 | 93.08               | 75.70   | 89.00         | 89.00  | 0.00                 | 0.00    | 13.30          | 17.57   |
| Pakistan        | 2.12             | 2.20    | 2.20          | 2.20   | 2.75                    | 2.88    | 3.07          | 3.07 | 3.88                | 4.23    | 4.50          | 4.50   | 0.00                 | 0.00    | 0.27           | 6.43    |
| Major Importers | 21.99            | 22.08   | 22.27         | 22.19  | 3.82                    | 3.84    | 3.87          | 3.92 | 54.36               | 54.93   | 55.86         | 56.42  | 0.56                 | 1.01    | 1.49           | 2.71    |
| Indonesia       | 11.50            | 11.60   | 11.60         | 11.60  | 4.46                    | 4.44    | 4.48          | 4.48 | 33.09               | 33.20   | 33.54         | 33.54  | 0.00                 | 0.00    | 0.34           | 1.02    |
| Brazil          | 3.15             | 3.15    | 3.30          | 3.30   | 3.32                    | 3.22    | 3.34          | 3.34 | 7.12                | 6.90    | 7.50          | 7.50   | 0.00                 | 0.00    | 0.60           | 8.70    |
| European Union  | 0.40             | 0.40    | 0.40          | 0.41   | 6.47                    | 6.55    | 6.25          | 6.55 | 1.62                | 1.64    | 1.63          | 1.69   | 0.06                 | 3.94    | 0.05           | 3.05    |
| Iran            | 0.52             | 0.60    | 0.55          | 0.63   | 3.83                    | 5.18    | 4.13          | 5.22 | 1.31                | 2.05    | 1.50          | 2.17   | 0.67                 | 44.67   | 0.12           | 5.85    |
| Philippines     | 4.08             | 4.10    | 4.10          | 4.10   | 3.19                    | 3.17    | 3.32          | 3.32 | 8.45                | 8.45    | 8.84          | 8.84   | 0.00                 | 0.00    | 0.39           | 4.62    |
| Nigeria         | 1.65             | 1.66    | 1.70          | 1.70   | 2.12                    | 2.21    | 2.25          | 2.25 | 2.10                | 2.20    | 2.30          | 2.30   | 0.00                 | 0.00    | 0.10           | 4.55    |
| Other Foreign   | 63.27            | 62.66   | 62.12         | 62.15  | 4.67                    | 4.68    | 4.63          | 4.63 | 202.03              | 200.24  | 196.29        | 196.38 | 0.09                 | 0.05    | -3.86          | -1.93   |
| China           | 28.81            | 28.20   | 27.30         | 27.30  | 6.16                    | 6.19    | 6.17          | 6.17 | 124.31              | 122.18  | 118.00        | 118.00 | 0.00                 | 0.00    | -4.18          | -3.42   |
| Burma           | 6.20             | 6.20    | 6.40          | 6.40   | 2.90                    | 2.90    | 2.81          | 2.81 | 10.44               | 10.44   | 10.44         | 10.44  | 0.00                 | 0.00    | 0.00           | 0.00    |
| Bangladesh      | 10.99            | 11.06   | 11.10         | 11.10  | 3.32                    | 3.44    | 3.51          | 3.51 | 24.31               | 25.36   | 26.00         | 26.00  | 0.00                 | 0.00    | 0.64           | 2.52    |
| Japan           | 1.71             | 1.69    | 1.68          | 1.66   | 6.64                    | 6.58    | 5.81          | 5.86 | 8.24                | 8.09    | 7.10          | 7.08   | -0.02                | -0.28   | -1.01          | -12.47  |
| South Korea     | 1.08             | 1.05    | 1.02          | 1.02   | 6.84                    | 6.35    | 6.00          | 5.92 | 5.52                | 4.93    | 4.50          | 4.45   | -0.05                | -1.11   | -0.48          | -9.68   |
| Egypt           | 0.56             | 0.59    | 0.62          | 0.62   | 9.77                    | 9.69    | 9.76          | 9.76 | 3.58                | 3.71    | 3.90          | 3.90   | 0.00                 | 0.00    | 0.20           | 5.26    |
| Taiwan          | 0.34             | 0.31    | 0.29          | 0.29   | 5.18                    | 5.87    | 5.58          | 5.58 | 1.25                | 1.27    | 1.14          | 1.14   | 0.00                 | 0.00    | -0.13          | -10.31  |
| FSU-12          | 0.30             | 0.34    | 0.36          | 0.36   | 3.22                    | 3.16    | 3.56          | 3.56 | 0.62                | 0.69    | 0.84          | 0.84   | 0.00                 | 0.00    | 0.15           | 21.48   |
| Russia          | 0.15             | 0.13    | 0.13          | 0.13   | 3.23                    | 3.74    | 3.85          | 3.85 | 0.32                | 0.31    | 0.33          | 0.33   | 0.00                 | 0.00    | 0.01           | 3.50    |
| Australia       | 0.15             | 0.04    | 0.10          | 0.10   | 8.45                    | 10.26   | 9.01          | 9.01 | 0.89                | 0.28    | 0.64          | 0.64   | 0.00                 | 0.00    | 0.37           | 130.82  |
| Others          | 13.13            | 13.19   | 13.26         | 13.30  | 2.68                    | 2.73    | 2.76          | 2.77 | 22.89               | 23.30   | 23.73         | 23.89  | 0.16                 | 0.69    | 0.59           | 2.52    |

**TABLE 10**  
**Total Oilseed Area, Yield, and Production**  
**World and Selected Countries and Regions**

| Country/Region  | Area             |         |               |        | Yield                   |         |               |      | Production          |         |               |        | Change in Production |         |                |         |
|-----------------|------------------|---------|---------------|--------|-------------------------|---------|---------------|------|---------------------|---------|---------------|--------|----------------------|---------|----------------|---------|
|                 | Prel.            |         | 2003/04 Proj. |        | Prel.                   |         | 2003/04 Proj. |      | Prel.               |         | 2003/04 Proj. |        | From last month      |         | From last year |         |
|                 | 2001/02          | 2002/03 | Nov.          | Dec.   | 2001/02                 | 2002/03 | Nov.          | Dec. | 2001/02             | 2002/03 | Nov.          | Dec.   | MMT                  | Percent | MMT            | Percent |
|                 | Million hectares |         |               |        | Metric tons per hectare |         |               |      | Million metric tons |         |               |        |                      |         |                |         |
| World Total 1   | --               | --      | --            | --     | --                      | --      | --            | --   | 324.90              | 328.97  | 347.52        | 344.94 | -2.58                | -0.74   | 15.97          | 4.86    |
| Total Foreign   | --               | --      | --            | --     | --                      | --      | --            | --   | 235.07              | 245.19  | 270.98        | 268.40 | -2.58                | -0.95   | 23.21          | 9.47    |
| Copra           | --               | --      | --            | --     | --                      | --      | --            | --   | 5.19                | 5.11    | 5.38          | 5.38   | 0.00                 | 0.00    | 0.27           | 5.37    |
| Palm Kernel     | --               | --      | --            | --     | --                      | --      | --            | --   | 7.20                | 7.62    | 8.08          | 8.08   | 0.00                 | 0.00    | 0.47           | 6.10    |
| Major Oilseed   | 177.67           | 174.71  | 190.21        | 189.67 | 1.76                    | 1.81    | 1.76          | 1.75 | 312.51              | 316.25  | 334.06        | 331.48 | -2.58                | -0.77   | 15.23          | 4.82    |
| United States   | 37.32            | 36.27   | 36.13         | 36.13  | 2.41                    | 2.31    | 2.12          | 2.12 | 89.83               | 83.78   | 76.54         | 76.54  | 0.00                 | 0.00    | -7.24          | -8.64   |
| Foreign Oilseed | 140.34           | 138.44  | 154.08        | 153.54 | 1.59                    | 1.68    | 1.67          | 1.66 | 222.68              | 232.47  | 257.52        | 254.94 | -2.58                | -1.00   | 22.47          | 9.67    |
| South America   | 33.71            | 37.51   | 41.56         | 41.40  | 2.51                    | 2.68    | 2.68          | 2.65 | 84.78               | 100.43  | 111.58        | 109.59 | -1.99                | -1.78   | 9.16           | 9.12    |
| Brazil          | 17.24            | 19.26   | 22.08         | 22.08  | 2.61                    | 2.81    | 2.81          | 2.81 | 44.98               | 54.18   | 62.10         | 62.10  | 0.00                 | 0.00    | 7.93           | 14.64   |
| Argentina       | 13.80            | 15.25   | 16.17         | 16.02  | 2.49                    | 2.59    | 2.61          | 2.51 | 34.31               | 39.52   | 42.19         | 40.20  | -1.99                | -4.71   | 0.68           | 1.72    |
| Paraguay        | 1.63             | 1.75    | 1.93          | 1.93   | 2.25                    | 2.49    | 2.44          | 2.44 | 3.66                | 4.36    | 4.71          | 4.71   | 0.00                 | 0.00    | 0.35           | 8.03    |
| China           | 27.40            | 26.25   | 28.30         | 28.30  | 1.90                    | 2.01    | 1.89          | 1.89 | 52.19               | 52.67   | 53.62         | 53.42  | -0.20                | -0.37   | 0.75           | 1.42    |
| India           | 30.58            | 27.57   | 32.35         | 32.25  | 0.79                    | 0.68    | 0.82          | 0.82 | 24.05               | 18.83   | 26.50         | 26.59  | 0.09                 | 0.32    | 7.76           | 41.22   |
| European Union  | 5.76             | 5.40    | 5.62          | 5.59   | 2.41                    | 2.51    | 2.37          | 2.36 | 13.88               | 13.54   | 13.29         | 13.22  | -0.07                | -0.54   | -0.33          | -2.41   |
| France          | 1.91             | 1.74    | 1.83          | 1.84   | 2.50                    | 2.92    | 2.66          | 2.65 | 4.77                | 5.07    | 4.88          | 4.88   | 0.00                 | 0.00    | -0.19          | -3.73   |
| Italy           | 0.49             | 0.33    | 0.32          | 0.31   | 2.72                    | 2.82    | 2.25          | 2.23 | 1.32                | 0.93    | 0.71          | 0.68   | -0.03                | -4.22   | -0.25          | -26.85  |
| Germany         | 1.16             | 1.32    | 1.31          | 1.31   | 3.62                    | 2.94    | 2.83          | 2.83 | 4.22                | 3.89    | 3.70          | 3.69   | -0.01                | -0.27   | -0.20          | -5.02   |
| Spain           | 0.98             | 0.85    | 0.87          | 0.87   | 1.05                    | 1.04    | 0.97          | 0.97 | 1.03                | 0.88    | 0.84          | 0.84   | 0.00                 | 0.00    | -0.04          | -3.99   |
| United Kingdom  | 0.45             | 0.43    | 0.55          | 0.54   | 2.57                    | 3.40    | 3.36          | 3.33 | 1.16                | 1.47    | 1.85          | 1.80   | -0.05                | -2.70   | 0.33           | 22.62   |
| FSU-12          | 9.75             | 10.32   | 12.52         | 12.52  | 0.94                    | 1.08    | 1.05          | 1.05 | 9.16                | 11.12   | 13.21         | 13.21  | 0.00                 | 0.00    | 2.09           | 18.77   |
| Russia          | 4.05             | 4.31    | 5.51          | 5.51   | 0.78                    | 0.98    | 0.92          | 0.91 | 3.16                | 4.22    | 5.05          | 5.01   | -0.04                | -0.79   | 0.78           | 18.52   |
| Ukraine         | 2.58             | 2.90    | 3.86          | 3.86   | 0.95                    | 1.19    | 1.24          | 1.24 | 2.46                | 3.45    | 4.80          | 4.80   | 0.00                 | 0.00    | 1.35           | 39.29   |
| Uzbekistan      | 1.43             | 1.42    | 1.40          | 1.40   | 1.47                    | 1.41    | 1.31          | 1.31 | 2.10                | 2.00    | 1.83          | 1.83   | 0.00                 | 0.00    | -0.17          | -8.50   |
| Turkmenistan    | 0.52             | 0.49    | 0.48          | 0.48   | 0.66                    | 0.56    | 0.66          | 0.74 | 0.34                | 0.28    | 0.32          | 0.36   | 0.04                 | 12.70   | 0.08           | 29.09   |
| Canada          | 4.87             | 4.38    | 5.86          | 5.86   | 1.37                    | 1.52    | 1.58          | 1.55 | 6.66                | 6.67    | 9.23          | 9.09   | -0.14                | -1.46   | 2.42           | 36.34   |
| Indonesia       | 1.35             | 1.21    | 1.27          | 1.27   | 1.43                    | 1.51    | 1.38          | 1.38 | 1.93                | 1.83    | 1.76          | 1.76   | 0.00                 | 0.00    | -0.08          | -4.15   |
| Pakistan        | 3.53             | 3.23    | 3.46          | 3.46   | 1.13                    | 1.18    | 1.10          | 1.12 | 3.99                | 3.80    | 3.79          | 3.87   | 0.08                 | 2.11    | 0.07           | 1.95    |
| Central Europe  | 3.21             | 3.33    | 3.60          | 3.60   | 1.67                    | 1.65    | 1.38          | 1.39 | 5.38                | 5.49    | 4.97          | 5.02   | 0.05                 | 1.01    | -0.47          | -8.56   |
| Poland          | 0.44             | 0.44    | 0.43          | 0.43   | 2.40                    | 2.28    | 1.76          | 1.76 | 1.06                | 1.00    | 0.75          | 0.75   | 0.00                 | 0.00    | -0.25          | -24.62  |
| Romania         | 0.91             | 1.02    | 1.17          | 1.17   | 1.00                    | 1.07    | 0.95          | 0.95 | 0.91                | 1.10    | 1.11          | 1.11   | 0.00                 | 0.00    | 0.02           | 1.37    |
| Hungary         | 0.56             | 0.57    | 0.59          | 0.59   | 1.69                    | 1.82    | 1.58          | 1.58 | 0.94                | 1.03    | 0.93          | 0.93   | 0.00                 | 0.00    | -0.11          | -10.45  |
| Turkey          | 1.22             | 1.32    | 1.31          | 1.31   | 1.56                    | 1.77    | 1.72          | 1.58 | 1.90                | 2.34    | 2.25          | 2.06   | -0.18                | -8.15   | -0.27          | -11.73  |
| Philippines     | 0.03             | 0.03    | 0.03          | 0.03   | 1.00                    | 1.00    | 1.00          | 1.00 | 0.03                | 0.03    | 0.03          | 0.03   | 0.00                 | 0.00    | 0.00           | 0.00    |
| Mexico          | 0.21             | 0.18    | 0.21          | 0.21   | 1.70                    | 1.66    | 1.57          | 1.57 | 0.35                | 0.29    | 0.33          | 0.33   | 0.00                 | 0.00    | 0.04           | 12.67   |
| Others          | 18.73            | 17.72   | 18.01         | 17.76  | 0.98                    | 0.87    | 0.94          | 0.94 | 18.38               | 15.44   | 16.98         | 16.77  | -0.22                | -1.29   | 1.33           | 8.61    |

1/ Major oilseeds plus copra and palm kernel. 2/ Individual countries and regions include soybean, cottonseed, peanut (inshell), sunflowerseed, and rapeseed.

**TABLE 11**  
**Soybean Area, Yield, and Production**  
**World and Selected Countries and Regions**

| Country/Region | Area             |         |               |       | Yield                   |         |               |      | Production          |         |               |        | Change in Production |         |                |         |
|----------------|------------------|---------|---------------|-------|-------------------------|---------|---------------|------|---------------------|---------|---------------|--------|----------------------|---------|----------------|---------|
|                | Prel.            |         | 2003/04 Proj. |       | Prel.                   |         | 2003/04 Proj. |      | Prel.               |         | 2003/04 Proj. |        | From last month      |         | From last year |         |
|                | 2001/02          | 2002/03 | Nov.          | Dec.  | 2001/02                 | 2002/03 | Nov.          | Dec. | 2001/02             | 2002/03 | Nov.          | Dec.   | MMT                  | Percent | MMT            | Percent |
|                | Million hectares |         |               |       | Metric tons per hectare |         |               |      | Million metric tons |         |               |        |                      |         |                |         |
| World          | 79.44            | 81.32   | 87.11         | 87.22 | 2.33                    | 2.42    | 2.31          | 2.29 | 184.87              | 196.66  | 201.48        | 199.46 | -2.02                | -1.00   | 2.80           | 1.42    |
| United States  | 29.53            | 29.31   | 29.36         | 29.36 | 2.66                    | 2.55    | 2.27          | 2.27 | 78.67               | 74.83   | 66.73         | 66.73  | 0.00                 | 0.00    | -8.10          | -10.82  |
| Total Foreign  | 49.91            | 52.01   | 57.76         | 57.87 | 2.13                    | 2.34    | 2.33          | 2.29 | 106.20              | 121.83  | 134.75        | 132.73 | -2.02                | -1.50   | 10.90          | 8.95    |
| Major Exporter | 29.20            | 32.55   | 36.25         | 36.35 | 2.64                    | 2.83    | 2.83          | 2.78 | 77.05               | 92.20   | 102.50        | 101.00 | -1.50                | -1.46   | 8.80           | 9.54    |
| Brazil         | 16.35            | 18.40   | 21.00         | 21.00 | 2.66                    | 2.85    | 2.86          | 2.86 | 43.50               | 52.50   | 60.00         | 60.00  | 0.00                 | 0.00    | 7.50           | 14.29   |
| Argentina      | 11.40            | 12.60   | 13.60         | 13.70 | 2.63                    | 2.82    | 2.79          | 2.66 | 30.00               | 35.50   | 38.00         | 36.50  | -1.50                | -3.95   | 1.00           | 2.82    |
| Paraguay       | 1.45             | 1.55    | 1.65          | 1.65  | 2.45                    | 2.71    | 2.73          | 2.73 | 3.55                | 4.20    | 4.50          | 4.50   | 0.00                 | 0.00    | 0.30           | 7.14    |
| Other Foreign  | 20.71            | 19.46   | 21.51         | 21.52 | 1.41                    | 1.52    | 1.50          | 1.47 | 29.15               | 29.63   | 32.25         | 31.73  | -0.52                | -1.61   | 2.10           | 7.08    |
| China          | 9.48             | 8.72    | 9.40          | 9.40  | 1.63                    | 1.89    | 1.72          | 1.72 | 15.41               | 16.51   | 16.20         | 16.20  | 0.00                 | 0.00    | -0.31          | -1.88   |
| India          | 6.00             | 5.67    | 6.45          | 6.45  | 0.90                    | 0.71    | 0.96          | 0.96 | 5.40                | 4.00    | 6.20          | 6.20   | 0.00                 | 0.00    | 2.20           | 55.00   |
| Canada         | 1.05             | 1.02    | 1.04          | 1.05  | 1.56                    | 2.28    | 2.60          | 2.16 | 1.64                | 2.33    | 2.70          | 2.27   | -0.43                | -15.93  | -0.06          | -2.53   |
| Indonesia      | 0.68             | 0.55    | 0.61          | 0.61  | 1.28                    | 1.43    | 1.15          | 1.15 | 0.87                | 0.78    | 0.70          | 0.70   | 0.00                 | 0.00    | -0.08          | -10.26  |
| Central Europe | 0.23             | 0.26    | 0.33          | 0.33  | 2.08                    | 2.01    | 1.84          | 1.84 | 0.47                | 0.52    | 0.60          | 0.60   | 0.00                 | 0.00    | 0.08           | 15.71   |
| European Union | 0.39             | 0.24    | 0.25          | 0.25  | 3.16                    | 3.33    | 2.80          | 2.60 | 1.23                | 0.81    | 0.70          | 0.65   | -0.05                | -7.14   | -0.16          | -19.55  |
| FSU-12         | 0.49             | 0.47    | 0.76          | 0.76  | 0.86                    | 1.15    | 1.01          | 0.96 | 0.42                | 0.54    | 0.77          | 0.73   | -0.04                | -5.19   | 0.19           | 35.69   |
| Russia         | 0.42             | 0.36    | 0.56          | 0.56  | 0.83                    | 1.17    | 0.93          | 0.86 | 0.35                | 0.42    | 0.52          | 0.48   | -0.04                | -7.69   | 0.06           | 13.48   |
| Ukraine        | 0.07             | 0.11    | 0.20          | 0.20  | 1.01                    | 1.10    | 1.25          | 1.25 | 0.07                | 0.12    | 0.25          | 0.25   | 0.00                 | 0.00    | 0.14           | 117.39  |
| Mexico         | 0.05             | 0.06    | 0.06          | 0.06  | 1.47                    | 1.54    | 1.55          | 1.55 | 0.07                | 0.09    | 0.09          | 0.09   | 0.00                 | 0.00    | 0.00           | 2.27    |
| Thailand       | 0.19             | 0.18    | 0.18          | 0.18  | 1.42                    | 1.39    | 1.39          | 1.39 | 0.27                | 0.25    | 0.25          | 0.25   | 0.00                 | 0.00    | 0.00           | 0.00    |
| North Korea    | 0.31             | 0.32    | 0.32          | 0.32  | 1.13                    | 1.14    | 1.14          | 1.14 | 0.35                | 0.36    | 0.36          | 0.36   | 0.00                 | 0.00    | 0.00           | 0.00    |
| Japan          | 0.14             | 0.15    | 0.16          | 0.16  | 1.88                    | 1.80    | 1.81          | 1.81 | 0.27                | 0.27    | 0.28          | 0.28   | 0.00                 | 0.00    | 0.01           | 3.70    |
| Bolivia        | 0.64             | 0.68    | 0.75          | 0.75  | 1.94                    | 2.26    | 2.13          | 2.13 | 1.24                | 1.54    | 1.60          | 1.60   | 0.00                 | 0.00    | 0.06           | 3.90    |
| South Korea    | 0.08             | 0.08    | 0.08          | 0.08  | 1.51                    | 1.42    | 1.43          | 1.43 | 0.12                | 0.12    | 0.12          | 0.12   | 0.00                 | 0.00    | 0.00           | 0.87    |
| Colombia       | 0.03             | 0.03    | 0.03          | 0.03  | 2.38                    | 2.30    | 2.25          | 2.25 | 0.06                | 0.06    | 0.06          | 0.06   | 0.00                 | 0.00    | 0.00           | 1.61    |
| Others         | 0.97             | 1.04    | 1.11          | 1.11  | 1.38                    | 1.40    | 1.46          | 1.46 | 1.33                | 1.46    | 1.62          | 1.62   | 0.00                 | 0.00    | 0.16           | 10.75   |

**TABLE 12**  
**Cottonseed Area, Yield, and Production**  
**World and Selected Countries and Regions**

| Country/Region | Area             |         |               |       | Yield                   |         |               |      | Production          |         |               |       | Change in Production |         |                |         |
|----------------|------------------|---------|---------------|-------|-------------------------|---------|---------------|------|---------------------|---------|---------------|-------|----------------------|---------|----------------|---------|
|                | Prel.            |         | 2003/04 Proj. |       | Prel.                   |         | 2003/04 Proj. |      | Prel.               |         | 2003/04 Proj. |       | From last month      |         | From last year |         |
|                | 2001/02          | 2002/03 | Nov.          | Dec.  | 2001/02                 | 2002/03 | Nov.          | Dec. | 2001/02             | 2002/03 | Nov.          | Dec.  | MMT                  | Percent | MMT            | Percent |
|                | Million hectares |         |               |       | Metric tons per hectare |         |               |      | Million metric tons |         |               |       | MMT                  | Percent | MMT            | Percent |
| World          | 32.78            | 29.41   | 31.96         | 31.86 | 1.12                    | 1.12    | 1.09          | 1.09 | 36.62               | 32.86   | 34.77         | 34.84 | 0.07                 | 0.19    | 1.98           | 6.04    |
| United States  | 5.60             | 5.03    | 4.90          | 4.90  | 1.21                    | 1.12    | 1.24          | 1.24 | 6.76                | 5.61    | 6.07          | 6.07  | 0.00                 | 0.00    | 0.46           | 8.16    |
| Total Foreign  | 27.18            | 24.38   | 27.06         | 26.96 | 1.10                    | 1.12    | 1.06          | 1.07 | 29.86               | 27.25   | 28.70         | 28.77 | 0.07                 | 0.23    | 1.53           | 5.60    |
| China          | 4.82             | 4.18    | 5.10          | 5.10  | 1.98                    | 2.12    | 1.73          | 1.69 | 9.56                | 8.85    | 8.82          | 8.62  | -0.20                | -2.27   | -0.23          | -2.60   |
| FSU-12         | 2.49             | 2.43    | 2.45          | 2.45  | 1.23                    | 1.17    | 1.13          | 1.14 | 3.06                | 2.85    | 2.76          | 2.80  | 0.04                 | 1.45    | -0.05          | -1.76   |
| Uzbekistan     | 1.43             | 1.42    | 1.40          | 1.40  | 1.47                    | 1.41    | 1.31          | 1.31 | 2.10                | 2.00    | 1.83          | 1.83  | 0.00                 | 0.00    | -0.17          | -8.50   |
| Turkmenis      | 0.52             | 0.49    | 0.48          | 0.48  | 0.66                    | 0.56    | 0.66          | 0.74 | 0.34                | 0.28    | 0.32          | 0.36  | 0.04                 | 12.70   | 0.08           | 29.09   |
| India          | 8.73             | 7.60    | 8.50          | 8.40  | 0.58                    | 0.58    | 0.62          | 0.64 | 5.10                | 4.40    | 5.30          | 5.39  | 0.09                 | 1.60    | 0.98           | 22.39   |
| Pakistan       | 3.12             | 2.80    | 3.00          | 3.00  | 1.16                    | 1.21    | 1.12          | 1.15 | 3.61                | 3.40    | 3.36          | 3.44  | 0.08                 | 2.38    | 0.04           | 1.30    |
| Brazil         | 0.75             | 0.74    | 0.94          | 0.94  | 1.64                    | 1.97    | 1.98          | 1.98 | 1.23                | 1.45    | 1.86          | 1.86  | 0.00                 | 0.00    | 0.42           | 28.73   |
| Turkey         | 0.69             | 0.70    | 0.71          | 0.71  | 1.83                    | 1.94    | 1.92          | 1.88 | 1.27                | 1.36    | 1.37          | 1.33  | -0.03                | -2.42   | -0.02          | -1.77   |
| African Fran   | 2.34             | 2.24    | 2.31          | 2.31  | 0.72                    | 0.64    | 0.71          | 0.74 | 1.69                | 1.44    | 1.63          | 1.70  | 0.07                 | 4.48    | 0.26           | 18.36   |
| Australia      | 0.42             | 0.23    | 0.18          | 0.18  | 2.30                    | 2.21    | 2.17          | 2.17 | 0.97                | 0.50    | 0.38          | 0.38  | 0.00                 | 0.00    | -0.12          | -23.69  |
| Egypt          | 0.32             | 0.30    | 0.23          | 0.22  | 1.37                    | 1.35    | 1.29          | 1.24 | 0.43                | 0.41    | 0.29          | 0.27  | -0.02                | -6.90   | -0.14          | -33.66  |
| Argentina      | 0.17             | 0.15    | 0.28          | 0.28  | 0.61                    | 0.68    | 0.67          | 0.67 | 0.10                | 0.10    | 0.19          | 0.19  | 0.00                 | 0.00    | 0.09           | 85.00   |
| Paraguay       | 0.15             | 0.17    | 0.25          | 0.25  | 0.53                    | 0.71    | 0.68          | 0.68 | 0.08                | 0.12    | 0.17          | 0.17  | 0.00                 | 0.00    | 0.05           | 41.67   |
| Greece         | 0.41             | 0.37    | 0.37          | 0.35  | 1.62                    | 1.48    | 1.47          | 1.47 | 0.66                | 0.54    | 0.54          | 0.52  | -0.02                | -4.10   | -0.03          | -4.98   |
| Syria          | 0.26             | 0.19    | 0.20          | 0.20  | 2.74                    | 2.66    | 2.85          | 2.85 | 0.71                | 0.50    | 0.57          | 0.57  | 0.00                 | 0.00    | 0.08           | 15.15   |
| Mexico         | 0.08             | 0.04    | 0.07          | 0.07  | 1.80                    | 1.76    | 1.46          | 1.46 | 0.15                | 0.07    | 0.10          | 0.10  | 0.00                 | 0.00    | 0.04           | 52.24   |
| Iran           | 0.20             | 0.16    | 0.13          | 0.13  | 0.84                    | 0.84    | 0.85          | 0.85 | 0.17                | 0.14    | 0.11          | 0.11  | 0.00                 | 0.00    | -0.03          | -18.52  |
| Sudan          | 0.15             | 0.16    | 0.25          | 0.24  | 1.13                    | 1.23    | 1.04          | 1.08 | 0.17                | 0.19    | 0.26          | 0.26  | 0.00                 | 0.00    | 0.07           | 36.84   |
| Others         | 2.10             | 1.94    | 2.12          | 2.15  | 0.43                    | 0.49    | 0.48          | 0.50 | 0.90                | 0.96    | 1.01          | 1.07  | 0.06                 | 6.26    | 0.11           | 11.69   |

**TABLE 13**  
**Peanut Area, Yield, and Production**  
**World and Selected Countries and Regions**

| Country/Region | Area             |         |               |       | Yield                   |         |               |      | Production          |         |               |       | Change in Production |         |                |         |
|----------------|------------------|---------|---------------|-------|-------------------------|---------|---------------|------|---------------------|---------|---------------|-------|----------------------|---------|----------------|---------|
|                | Prel.            |         | 2003/04 Proj. |       | Prel.                   |         | 2003/04 Proj. |      | Prel.               |         | 2003/04 Proj. |       | From last month      |         | From last year |         |
|                | 2001/02          | 2002/03 | Nov.          | Dec.  | 2001/02                 | 2002/03 | Nov.          | Dec. | 2001/02             | 2002/03 | Nov.          | Dec.  | MMT                  | Percent | MMT            | Percent |
|                | Million hectares |         |               |       | Metric tons per hectare |         |               |      | Million metric tons |         |               |       | MMT                  | Percent | MMT            | Percent |
| World          | 23.16            | 21.34   | 22.79         | 22.46 | 1.45                    | 1.42    | 1.49          | 1.49 | 33.63               | 30.31   | 33.87         | 33.45 | -0.42                | -1.24   | 3.14           | 10.36   |
| United States  | 0.57             | 0.53    | 0.52          | 0.52  | 3.40                    | 2.87    | 3.59          | 3.59 | 1.94                | 1.51    | 1.86          | 1.86  | 0.00                 | 0.00    | 0.35           | 23.24   |
| Total Foreign  | 22.59            | 20.81   | 22.27         | 21.94 | 1.40                    | 1.38    | 1.44          | 1.44 | 31.69               | 28.81   | 32.02         | 31.60 | -0.42                | -1.31   | 2.79           | 9.68    |
| China          | 4.99             | 5.00    | 5.10          | 5.10  | 2.89                    | 2.98    | 2.96          | 2.96 | 14.42               | 14.90   | 15.10         | 15.10 | 0.00                 | 0.00    | 0.20           | 1.34    |
| India          | 8.20             | 6.80    | 8.00          | 8.00  | 0.93                    | 0.76    | 0.94          | 0.94 | 7.60                | 5.20    | 7.50          | 7.50  | 0.00                 | 0.00    | 2.30           | 44.23   |
| Indonesia      | 0.65             | 0.65    | 0.65          | 0.65  | 1.59                    | 1.59    | 1.60          | 1.60 | 1.03                | 1.04    | 1.04          | 1.04  | 0.00                 | 0.00    | 0.00           | 0.39    |
| Senegal        | 0.92             | 0.75    | 0.80          | 0.53  | 0.98                    | 0.35    | 0.98          | 0.85 | 0.90                | 0.26    | 0.78          | 0.45  | -0.34                | -42.95  | 0.19           | 71.15   |
| Burma          | 0.59             | 0.58    | 0.59          | 0.59  | 1.25                    | 1.21    | 1.20          | 1.20 | 0.73                | 0.70    | 0.71          | 0.71  | 0.00                 | 0.00    | 0.01           | 1.43    |
| Sudan          | 0.55             | 0.55    | 0.55          | 0.55  | 0.67                    | 0.67    | 0.67          | 0.67 | 0.37                | 0.37    | 0.37          | 0.37  | 0.00                 | 0.00    | 0.00           | 0.00    |
| Congo, Dem     | 0.47             | 0.46    | 0.52          | 0.52  | 0.78                    | 0.78    | 0.79          | 0.79 | 0.37                | 0.36    | 0.41          | 0.41  | 0.00                 | 0.00    | 0.06           | 15.49   |
| Argentina      | 0.22             | 0.16    | 0.20          | 0.14  | 1.65                    | 1.42    | 1.54          | 1.54 | 0.36                | 0.22    | 0.30          | 0.22  | -0.09                | -28.33  | -0.01          | -2.27   |
| Nigeria        | 1.22             | 1.23    | 1.23          | 1.23  | 1.22                    | 1.23    | 1.23          | 1.23 | 1.49                | 1.51    | 1.51          | 1.51  | 0.00                 | 0.00    | 0.00           | 0.00    |
| Vietnam        | 0.24             | 0.25    | 0.25          | 0.25  | 1.46                    | 1.51    | 1.51          | 1.51 | 0.35                | 0.37    | 0.37          | 0.37  | 0.00                 | 0.00    | 0.00           | 0.00    |
| South Africa   | 0.09             | 0.05    | 0.07          | 0.07  | 1.28                    | 1.32    | 1.54          | 1.54 | 0.12                | 0.07    | 0.10          | 0.10  | 0.00                 | 0.00    | 0.03           | 51.52   |
| Thailand       | 0.09             | 0.09    | 0.09          | 0.09  | 1.52                    | 1.52    | 1.53          | 1.53 | 0.13                | 0.13    | 0.13          | 0.13  | 0.00                 | 0.00    | 0.00           | 0.78    |
| Burkina Faso   | 0.33             | 0.33    | 0.33          | 0.33  | 0.91                    | 0.91    | 0.91          | 0.91 | 0.30                | 0.30    | 0.30          | 0.30  | 0.00                 | 0.00    | 0.00           | 0.00    |
| Brazil         | 0.10             | 0.09    | 0.09          | 0.09  | 2.00                    | 1.99    | 2.00          | 2.00 | 0.19                | 0.18    | 0.18          | 0.18  | 0.00                 | 0.00    | 0.01           | 2.86    |
| Central Afric  | 0.10             | 0.10    | 0.10          | 0.10  | 1.22                    | 1.22    | 1.22          | 1.22 | 0.12                | 0.12    | 0.12          | 0.12  | 0.00                 | 0.00    | 0.00           | 0.00    |
| Cameroon       | 0.32             | 0.32    | 0.32          | 0.32  | 0.31                    | 0.31    | 0.31          | 0.31 | 0.10                | 0.10    | 0.10          | 0.10  | 0.00                 | 0.00    | 0.00           | 0.00    |
| Cote d'Ivoire  | 0.15             | 0.15    | 0.15          | 0.15  | 0.97                    | 1.00    | 1.00          | 1.00 | 0.15                | 0.15    | 0.15          | 0.15  | 0.00                 | 0.00    | 0.00           | 0.00    |
| Mexico         | 0.08             | 0.08    | 0.08          | 0.08  | 1.73                    | 1.70    | 1.70          | 1.70 | 0.14                | 0.14    | 0.14          | 0.14  | 0.00                 | 0.00    | 0.00           | 0.00    |
| Gambia         | 0.13             | 0.11    | 0.11          | 0.11  | 1.15                    | 0.70    | 0.70          | 0.70 | 0.15                | 0.07    | 0.07          | 0.07  | 0.00                 | 0.00    | 0.00           | 0.00    |
| Others         | 3.15             | 3.08    | 3.07          | 3.07  | 0.85                    | 0.85    | 0.86          | 0.86 | 2.67                | 2.64    | 2.64          | 2.64  | 0.00                 | 0.00    | 0.00           | 0.04    |

**TABLE 14**  
**Sunflowerseed Area, Yield, and Production**  
**World and Selected Countries and Regions**

| Country/Region | Area             |         |               |       | Yield                   |         |               |      | Production          |         |               |       | Change in Production |         |                |         |
|----------------|------------------|---------|---------------|-------|-------------------------|---------|---------------|------|---------------------|---------|---------------|-------|----------------------|---------|----------------|---------|
|                | Prel.            |         | 2003/04 Proj. |       | Prel.                   |         | 2003/04 Proj. |      | Prel.               |         | 2003/04 Proj. |       | From last month      |         | From last year |         |
|                | 2001/02          | 2002/03 | Nov.          | Dec.  | 2001/02                 | 2002/03 | Nov.          | Dec. | 2001/02             | 2002/03 | Nov.          | Dec.  | MMT                  | Percent | MMT            | Percent |
|                | Million hectares |         |               |       | Metric tons per hectare |         |               |      | Million metric tons |         |               |       |                      |         |                |         |
| World          | 18.83            | 20.26   | 22.71         | 22.51 | 1.14                    | 1.18    | 1.16          | 1.14 | 21.41               | 23.92   | 26.26         | 25.73 | -0.53                | -2.00   | 1.81           | 7.57    |
| United States  | 1.03             | 0.88    | 0.92          | 0.92  | 1.50                    | 1.28    | 1.29          | 1.29 | 1.55                | 1.13    | 1.19          | 1.19  | 0.00                 | 0.00    | 0.06           | 5.23    |
| Total Foreign  | 17.80            | 19.38   | 21.79         | 21.59 | 1.12                    | 1.18    | 1.15          | 1.14 | 19.86               | 22.79   | 25.07         | 24.55 | -0.53                | -2.09   | 1.75           | 7.69    |
| FSU-12         | 6.28             | 7.03    | 8.94          | 8.94  | 0.85                    | 1.06    | 1.05          | 1.05 | 5.33                | 7.48    | 9.43          | 9.43  | 0.00                 | 0.00    | 1.95           | 26.04   |
| Russia         | 3.42             | 3.80    | 4.80          | 4.80  | 0.78                    | 0.97    | 0.92          | 0.92 | 2.67                | 3.69    | 4.40          | 4.40  | 0.00                 | 0.00    | 0.72           | 19.40   |
| Ukraine        | 2.40             | 2.72    | 3.60          | 3.60  | 0.94                    | 1.20    | 1.25          | 1.25 | 2.25                | 3.27    | 4.50          | 4.50  | 0.00                 | 0.00    | 1.23           | 37.61   |
| Argentina      | 2.02             | 2.35    | 2.10          | 1.90  | 1.91                    | 1.57    | 1.76          | 1.74 | 3.84                | 3.70    | 3.70          | 3.30  | -0.40                | -10.81  | -0.40          | -10.81  |
| European Union | 1.88             | 1.63    | 1.72          | 1.72  | 1.61                    | 1.68    | 1.45          | 1.45 | 3.02                | 2.75    | 2.50          | 2.50  | 0.00                 | 0.00    | -0.25          | -9.16   |
| France         | 0.71             | 0.61    | 0.68          | 0.68  | 2.24                    | 2.44    | 2.06          | 2.06 | 1.58                | 1.50    | 1.40          | 1.40  | 0.00                 | 0.00    | -0.10          | -6.42   |
| Spain          | 0.86             | 0.75    | 0.78          | 0.78  | 1.02                    | 1.00    | 0.94          | 0.94 | 0.87                | 0.76    | 0.73          | 0.73  | 0.00                 | 0.00    | -0.03          | -3.57   |
| Italy          | 0.21             | 0.17    | 0.15          | 0.15  | 1.98                    | 2.10    | 1.47          | 1.47 | 0.41                | 0.35    | 0.22          | 0.22  | 0.00                 | 0.00    | -0.13          | -37.32  |
| Central Europe | 1.89             | 1.99    | 2.42          | 2.42  | 1.22                    | 1.36    | 1.26          | 1.28 | 2.30                | 2.71    | 3.04          | 3.09  | 0.05                 | 1.65    | 0.38           | 14.07   |
| Hungary        | 0.40             | 0.42    | 0.50          | 0.50  | 1.63                    | 1.88    | 1.60          | 1.60 | 0.65                | 0.78    | 0.80          | 0.80  | 0.00                 | 0.00    | 0.02           | 2.70    |
| Romania        | 0.79             | 0.88    | 1.00          | 1.00  | 0.94                    | 1.01    | 0.90          | 0.90 | 0.74                | 0.89    | 0.90          | 0.90  | 0.00                 | 0.00    | 0.01           | 1.12    |
| Serbia         | 0.17             | 0.17    | 0.22          | 0.22  | 1.65                    | 1.65    | 1.59          | 1.82 | 0.28                | 0.28    | 0.35          | 0.40  | 0.05                 | 14.29   | 0.12           | 42.86   |
| Bulgaria       | 0.40             | 0.40    | 0.51          | 0.51  | 0.98                    | 1.30    | 1.27          | 1.27 | 0.39                | 0.52    | 0.65          | 0.65  | 0.00                 | 0.00    | 0.13           | 25.00   |
| Czech Republic | 0.03             | 0.02    | 0.02          | 0.02  | 2.17                    | 2.21    | 2.21          | 2.21 | 0.07                | 0.05    | 0.05          | 0.05  | 0.00                 | 0.00    | 0.00           | 0.00    |
| China          | 1.02             | 1.20    | 1.20          | 1.20  | 1.45                    | 1.55    | 1.58          | 1.58 | 1.48                | 1.86    | 1.90          | 1.90  | 0.00                 | 0.00    | 0.04           | 2.15    |
| India          | 2.40             | 2.70    | 2.80          | 2.80  | 0.60                    | 0.60    | 0.61          | 0.61 | 1.45                | 1.63    | 1.70          | 1.70  | 0.00                 | 0.00    | 0.08           | 4.62    |
| Turkey         | 0.48             | 0.55    | 0.54          | 0.54  | 1.08                    | 1.49    | 1.39          | 1.11 | 0.52                | 0.82    | 0.75          | 0.60  | -0.15                | -20.00  | -0.22          | -26.83  |
| South Africa   | 0.67             | 0.63    | 0.65          | 0.65  | 1.39                    | 1.13    | 1.28          | 1.28 | 0.93                | 0.71    | 0.83          | 0.83  | 0.00                 | 0.00    | 0.12           | 16.90   |
| Australia      | 0.07             | 0.04    | 0.08          | 0.08  | 0.97                    | 0.63    | 1.00          | 1.00 | 0.06                | 0.03    | 0.08          | 0.08  | 0.00                 | 0.00    | 0.06           | 220.00  |
| Burma          | 0.50             | 0.50    | 0.55          | 0.55  | 0.54                    | 0.54    | 0.49          | 0.49 | 0.27                | 0.27    | 0.27          | 0.27  | 0.00                 | 0.00    | 0.00           | 0.00    |
| Others         | 0.61             | 0.76    | 0.80          | 0.80  | 1.07                    | 1.11    | 1.10          | 1.07 | 0.65                | 0.84    | 0.87          | 0.85  | -0.03                | -2.87   | 0.01           | 0.59    |

**TABLE 15**  
**Rapeseed Area, Yield, and Production**  
**World and Selected Countries and Regions**

| Country/Region | Area             |                  |                       |       | Yield                   |                  |                       |      | Production          |                  |                       |       | Change in Production |       |         |        |
|----------------|------------------|------------------|-----------------------|-------|-------------------------|------------------|-----------------------|------|---------------------|------------------|-----------------------|-------|----------------------|-------|---------|--------|
|                | 2001/02          | Prel.<br>2002/03 | 2003/04 Proj.<br>Nov. | Dec.  | 2001/02                 | Prel.<br>2002/03 | 2003/04 Proj.<br>Nov. | Dec. | 2001/02             | Prel.<br>2002/03 | 2003/04 Proj.<br>Nov. | Dec.  | From last month      | MMT   | Percent | MMT    |
|                | Million hectares |                  |                       |       | Metric tons per hectare |                  |                       |      | Million metric tons |                  |                       |       |                      |       |         |        |
| World          | 23.46            | 22.38            | 25.64                 | 25.62 | 1.53                    | 1.45             | 1.47                  | 1.48 | 35.99               | 32.50            | 37.68                 | 38.00 | 0.32                 | 0.85  | 5.50    | 16.93  |
| United States  | 0.59             | 0.52             | 0.44                  | 0.44  | 1.54                    | 1.37             | 1.60                  | 1.60 | 0.91                | 0.71             | 0.70                  | 0.70  | 0.00                 | 0.00  | 0.00    | -0.57  |
| Total Foreign  | 22.87            | 21.87            | 25.20                 | 25.18 | 1.53                    | 1.45             | 1.47                  | 1.48 | 35.08               | 31.79            | 36.97                 | 37.29 | 0.32                 | 0.87  | 5.50    | 17.31  |
| India          | 5.25             | 4.80             | 6.60                  | 6.60  | 0.86                    | 0.75             | 0.88                  | 0.88 | 4.50                | 3.60             | 5.80                  | 5.80  | 0.00                 | 0.00  | 2.20    | 61.11  |
| China          | 7.10             | 7.14             | 7.50                  | 7.50  | 1.60                    | 1.48             | 1.55                  | 1.55 | 11.33               | 10.55            | 11.60                 | 11.60 | 0.00                 | 0.00  | 1.05    | 9.93   |
| Canada         | 3.77             | 3.26             | 4.70                  | 4.69  | 1.31                    | 1.28             | 1.35                  | 1.42 | 4.93                | 4.18             | 6.35                  | 6.67  | 0.32                 | 5.04  | 2.49    | 59.65  |
| European Union | 2.98             | 3.07             | 3.20                  | 3.19  | 2.97                    | 3.03             | 2.96                  | 2.97 | 8.85                | 9.33             | 9.45                  | 9.45  | 0.00                 | 0.00  | 0.12    | 1.30   |
| France         | 1.08             | 1.05             | 1.08                  | 1.08  | 2.65                    | 3.21             | 3.06                  | 3.07 | 2.87                | 3.37             | 3.30                  | 3.32  | 0.02                 | 0.61  | -0.05   | -1.45  |
| Germany        | 1.14             | 1.30             | 1.27                  | 1.27  | 3.66                    | 2.96             | 2.87                  | 2.87 | 4.16                | 3.83             | 3.65                  | 3.64  | -0.01                | -0.27 | -0.19   | -5.04  |
| United Kingdom | 0.45             | 0.43             | 0.55                  | 0.54  | 2.57                    | 3.40             | 3.36                  | 3.33 | 1.16                | 1.47             | 1.85                  | 1.80  | -0.05                | -2.70 | 0.33    | 22.62  |
| Denmark        | 0.08             | 0.08             | 0.11                  | 0.11  | 2.68                    | 2.60             | 2.82                  | 3.18 | 0.21                | 0.22             | 0.31                  | 0.35  | 0.04                 | 12.90 | 0.13    | 60.55  |
| Sweden         | 0.05             | 0.07             | 0.06                  | 0.06  | 2.36                    | 2.37             | 2.17                  | 2.17 | 0.11                | 0.16             | 0.13                  | 0.13  | 0.00                 | 0.00  | -0.03   | -18.24 |
| Central Europe | 1.10             | 1.08             | 0.85                  | 0.85  | 2.37                    | 2.10             | 1.56                  | 1.56 | 2.61                | 2.26             | 1.33                  | 1.33  | 0.00                 | 0.00  | -0.93   | -41.23 |
| Poland         | 0.44             | 0.44             | 0.43                  | 0.43  | 2.40                    | 2.28             | 1.76                  | 1.76 | 1.06                | 1.00             | 0.75                  | 0.75  | 0.00                 | 0.00  | -0.25   | -24.62 |
| Czech Rep.     | 0.34             | 0.31             | 0.25                  | 0.25  | 2.84                    | 2.28             | 1.60                  | 1.60 | 0.97                | 0.71             | 0.40                  | 0.40  | 0.00                 | 0.00  | -0.31   | -43.66 |
| Australia      | 1.36             | 1.26             | 1.10                  | 1.10  | 1.32                    | 0.67             | 1.27                  | 1.27 | 1.80                | 0.84             | 1.40                  | 1.40  | 0.00                 | 0.00  | 0.56    | 66.47  |
| FSU-12         | 0.49             | 0.39             | 0.38                  | 0.38  | 0.71                    | 0.66             | 0.67                  | 0.67 | 0.35                | 0.25             | 0.25                  | 0.25  | 0.00                 | 0.00  | 0.00    | -1.19  |
| Russia         | 0.21             | 0.15             | 0.15                  | 0.15  | 0.67                    | 0.79             | 0.86                  | 0.86 | 0.14                | 0.12             | 0.13                  | 0.13  | 0.00                 | 0.00  | 0.01    | 8.70   |
| Pakistan       | 0.27             | 0.27             | 0.28                  | 0.28  | 0.85                    | 0.82             | 0.85                  | 0.85 | 0.23                | 0.22             | 0.24                  | 0.24  | 0.00                 | 0.00  | 0.02    | 9.05   |
| Bangladesh     | 0.32             | 0.34             | 0.34                  | 0.34  | 0.75                    | 0.76             | 0.76                  | 0.76 | 0.24                | 0.26             | 0.26                  | 0.26  | 0.00                 | 0.00  | 0.00    | 0.00   |
| Others         | 0.23             | 0.25             | 0.25                  | 0.25  | 1.09                    | 1.17             | 1.17                  | 1.17 | 0.25                | 0.29             | 0.29                  | 0.29  | 0.00                 | 0.00  | 0.00    | 0.00   |

**TABLE 16**  
**Copra, Palm Kernel, and Palm Oil Production**  
**World and Selected Countries and Regions**

| Country/Region      | Production |         |         |               | Change in Production |      |                 |                |
|---------------------|------------|---------|---------|---------------|----------------------|------|-----------------|----------------|
|                     | Prel.      | 2001/02 | 2002/03 | 2003/04 Proj. | Nov.                 | Dec. | From last month | From last year |
|                     |            |         |         |               |                      |      | MMT             | Percent        |
| Million metric tons |            |         |         |               |                      |      |                 |                |
| <b>COPRA</b>        |            |         |         |               |                      |      |                 |                |
| World               | 5.19       | 5.11    | 5.38    | 5.38          | 0.00                 | 0.00 | 0.27            | 5.37           |
| Philippines         | 2.15       | 2.05    | 2.30    | 2.30          | 0.00                 | 0.00 | 0.25            | 12.20          |
| Indonesia           | 1.36       | 1.40    | 1.40    | 1.40          | 0.00                 | 0.00 | 0.00            | 0.00           |
| India               | 0.73       | 0.70    | 0.73    | 0.73          | 0.00                 | 0.00 | 0.03            | 3.57           |
| Mexico              | 0.17       | 0.17    | 0.17    | 0.17          | 0.00                 | 0.00 | 0.00            | 0.00           |
| Sri Lanka           | 0.09       | 0.09    | 0.09    | 0.09          | 0.00                 | 0.00 | 0.00            | 0.00           |
| Vietnam             | 0.24       | 0.24    | 0.24    | 0.24          | 0.00                 | 0.00 | 0.00            | 0.00           |
| Malaysia            | 0.01       | 0.01    | 0.01    | 0.01          | 0.00                 | 0.00 | 0.00            | -8.33          |
| Others              | 0.44       | 0.44    | 0.44    | 0.44          | 0.00                 | 0.00 | 0.00            | 0.00           |
| <b>PALM KERNEL</b>  |            |         |         |               |                      |      |                 |                |
| World               | 7.20       | 7.62    | 8.08    | 8.08          | 0.00                 | 0.00 | 0.46            | 6.10           |
| Malaysia            | 3.30       | 3.57    | 3.83    | 3.83          | 0.00                 | 0.00 | 0.26            | 7.25           |
| Indonesia           | 2.64       | 2.79    | 2.93    | 2.93          | 0.00                 | 0.00 | 0.14            | 5.02           |
| Nigeria             | 0.35       | 0.35    | 0.36    | 0.36          | 0.00                 | 0.00 | 0.01            | 2.86           |
| Cote d'Ivoire       | 0.06       | 0.06    | 0.06    | 0.06          | 0.00                 | 0.00 | 0.00            | 1.72           |
| Colombia            | 0.12       | 0.12    | 0.13    | 0.13          | 0.00                 | 0.00 | 0.01            | 6.45           |
| Thailand            | 0.16       | 0.13    | 0.16    | 0.16          | 0.00                 | 0.00 | 0.04            | 28.13          |
| Congo, Dem          | 0.05       | 0.05    | 0.05    | 0.05          | 0.00                 | 0.00 | 0.00            | 4.17           |
| Ecuador             | 0.05       | 0.05    | 0.05    | 0.05          | 0.00                 | 0.00 | 0.00            | 0.00           |
| Others              | 0.49       | 0.50    | 0.51    | 0.51          | 0.00                 | 0.00 | 0.01            | 1.81           |
| <b>PALM OIL</b>     |            |         |         |               |                      |      |                 |                |
| World               | 25.42      | 27.21   | 28.13   | 28.13         | 0.00                 | 0.00 | 0.92            | 3.38           |
| Malaysia            | 11.86      | 13.18   | 13.40   | 13.40         | 0.00                 | 0.00 | 0.22            | 1.67           |
| Indonesia           | 9.20       | 9.70    | 10.10   | 10.10         | 0.00                 | 0.00 | 0.40            | 4.12           |
| Nigeria             | 0.76       | 0.77    | 0.78    | 0.78          | 0.00                 | 0.00 | 0.01            | 1.30           |
| Cote d'Ivoire       | 0.26       | 0.28    | 0.28    | 0.28          | 0.00                 | 0.00 | 0.00            | 1.45           |
| Colombia            | 0.52       | 0.55    | 0.59    | 0.59          | 0.00                 | 0.00 | 0.04            | 7.27           |
| Thailand            | 0.78       | 0.64    | 0.82    | 0.82          | 0.00                 | 0.00 | 0.18            | 28.13          |
| Congo, Dem          | 0.17       | 0.17    | 0.18    | 0.18          | 0.00                 | 0.00 | 0.00            | 2.94           |
| Ecuador             | 0.30       | 0.32    | 0.34    | 0.34          | 0.00                 | 0.00 | 0.02            | 6.25           |
| Others              | 1.57       | 1.61    | 1.65    | 1.65          | 0.00                 | 0.00 | 0.04            | 2.55           |

**TABLE 17**  
**Cotton Area, Yield, and Production**  
**World and Selected Countries and Regions**

| Country/Region      | Area             |         |               |       | Yield                 |          |               |          | Production            |         |               |       | Change In Production |         |                |         |
|---------------------|------------------|---------|---------------|-------|-----------------------|----------|---------------|----------|-----------------------|---------|---------------|-------|----------------------|---------|----------------|---------|
|                     | Prel.            |         | 2003/04 Proj. |       | Prel.                 |          | 2003/04 Proj. |          | Prel.                 |         | 2003/04 Proj. |       | From last month      |         | From last year |         |
|                     | 2001/02          | 2002/03 | Nov.          | Dec.  | 2001/02               | 2002/03  | Nov.          | Dec.     | 2001/02               | 2002/03 | Nov.          | Dec.  | MBales               | Percent | MBales         | Percent |
|                     | Million hectares |         |               |       | Kilograms per hectare |          |               |          | Million 480 lb. bales |         |               |       |                      |         |                |         |
| World               | 33.86            | 30.50   | 33.12         | 32.99 | 633.53                | 628.46   | 605.69        | 608.31   | 98.52                 | 88.03   | 92.14         | 92.17 | 0.03                 | 0.03    | 4.14           | 4.70    |
| United States       | 5.60             | 5.03    | 4.90          | 4.90  | 789.94                | 745.05   | 809.37        | 809.37   | 20.30                 | 17.21   | 18.22         | 18.22 | 0.00                 | 0.00    | 1.01           | 5.85    |
| Total Foreign       | 28.26            | 25.47   | 28.22         | 28.09 | 602.57                | 605.44   | 570.32        | 573.24   | 78.22                 | 70.82   | 73.93         | 73.96 | 0.03                 | 0.04    | 3.13           | 4.42    |
| Major Exporters     | 15.51            | 14.18   | 15.79         | 15.78 | 807.49                | 815.79   | 741.61        | 741.72   | 57.53                 | 53.13   | 53.79         | 53.74 | -0.05                | -0.09   | 0.61           | 1.14    |
| China               | 4.82             | 4.18    | 5.10          | 5.10  | 1,102.18              | 1,176.06 | 939.21        | 939.21   | 24.40                 | 22.60   | 22.00         | 22.00 | 0.00                 | 0.00    | -0.60          | -2.65   |
| Pakistan            | 3.12             | 2.80    | 3.00          | 3.00  | 579.95                | 607.39   | 573.35        | 573.35   | 8.30                  | 7.80    | 7.90          | 7.90  | 0.00                 | 0.00    | 0.10           | 1.28    |
| Sudan               | 0.15             | 0.16    | 0.25          | 0.24  | 479.00                | 526.76   | 435.45        | 453.60   | 0.33                  | 0.38    | 0.50          | 0.50  | 0.00                 | 0.00    | 0.13           | 33.33   |
| Turkey              | 0.69             | 0.70    | 0.71          | 0.71  | 1,248.86              | 1,299.83 | 1,287.96      | 1,257.29 | 3.98                  | 4.18    | 4.20          | 4.10  | -0.10                | -2.38   | -0.08          | -1.89   |
| FSU-12              | 2.49             | 2.43    | 2.45          | 2.45  | 641.91                | 602.91   | 583.28        | 592.18   | 7.35                  | 6.74    | 6.55          | 6.65  | 0.10                 | 1.53    | -0.09          | -1.34   |
| Uzbekistan          | 1.43             | 1.42    | 1.40          | 1.40  | 746.06                | 705.31   | 653.18        | 653.18   | 4.90                  | 4.60    | 4.20          | 4.20  | 0.00                 | 0.00    | -0.40          | -8.70   |
| Turkmenistan        | 0.52             | 0.49    | 0.48          | 0.48  | 359.35                | 306.59   | 362.88        | 408.24   | 0.85                  | 0.69    | 0.80          | 0.90  | 0.10                 | 12.50   | 0.21           | 30.43   |
| Other               | 0.55             | 0.52    | 0.57          | 0.57  | 635.70                | 602.49   | 597.30        | 597.30   | 1.60                  | 1.45    | 1.55          | 1.55  | 0.00                 | 0.00    | 0.10           | 6.90    |
| Egypt               | 0.32             | 0.30    | 0.23          | 0.22  | 996.01                | 944.44   | 919.29        | 873.90   | 1.44                  | 1.31    | 0.95          | 0.88  | -0.08                | -7.89   | -0.44          | -33.21  |
| African Franc Zone  | 2.44             | 2.33    | 2.42          | 2.42  | 400.77                | 371.12   | 410.37        | 412.62   | 4.50                  | 3.98    | 4.57          | 4.59  | 0.03                 | 0.55    | 0.62           | 15.47   |
| Southern Hemisphere | 1.48             | 1.28    | 1.64          | 1.64  | 1,062.79              | 1,048.60 | 945.92        | 945.92   | 7.24                  | 6.16    | 7.13          | 7.13  | 0.00                 | 0.00    | 0.97           | 15.76   |
| Argentina           | 0.17             | 0.15    | 0.28          | 0.28  | 395.87                | 426.63   | 415.66        | 415.66   | 0.30                  | 0.29    | 0.53          | 0.53  | 0.00                 | 0.00    | 0.24           | 81.03   |
| Australia           | 0.42             | 0.23    | 0.18          | 0.18  | 1,658.87              | 1,645.05 | 1,492.98      | 1,492.98 | 3.20                  | 1.70    | 1.20          | 1.20  | 0.00                 | 0.00    | -0.50          | -29.41  |
| Brazil              | 0.75             | 0.74    | 0.94          | 0.94  | 1,024.30              | 1,152.32 | 1,158.12      | 1,158.12 | 3.52                  | 3.89    | 5.00          | 5.00  | 0.00                 | 0.00    | 1.11           | 28.53   |
| Paraguay            | 0.15             | 0.17    | 0.25          | 0.25  | 319.33                | 352.20   | 348.36        | 348.36   | 0.22                  | 0.28    | 0.40          | 0.40  | 0.00                 | 0.00    | 0.13           | 45.45   |
| Major Importers     | 0.59             | 0.52    | 0.51          | 0.50  | 1,032.43              | 962.96   | 948.00        | 945.95   | 2.77                  | 2.29    | 2.24          | 2.17  | -0.07                | -3.13   | -0.12          | -5.37   |
| Other Foreign       | 12.17            | 10.77   | 11.92         | 11.82 | 320.59                | 311.30   | 327.03        | 332.56   | 17.91                 | 15.40   | 17.90         | 18.05 | 0.15                 | 0.84    | 2.65           | 17.19   |
| India               | 8.73             | 7.60    | 8.50          | 8.40  | 306.76                | 303.67   | 320.19        | 329.18   | 12.30                 | 10.60   | 12.50         | 12.70 | 0.20                 | 1.60    | 2.10           | 19.81   |
| Others              | 3.44             | 3.17    | 3.42          | 3.42  | 355.72                | 329.58   | 344.05        | 340.87   | 5.61                  | 4.80    | 5.40          | 5.35  | -0.05                | -0.93   | 0.55           | 11.42   |

**TABLE 18**

The table below presents a 22-year record of the differences between the December projection and the final estimate. Using world wheat production as an example, changes between the December projection and the final estimate have averaged 3.8 million tons (0.7% percent) and ranged from -10.2 to 6.1 million tons. The December projection has been below the final 14 times and above the final 8 times.

**RELIABILITY OF PRODUCTION PROJECTIONS**

| COMMODITY AND           |  | PROJECTION AND FINAL ESTIMATES, 1981/82 - 2001/02 1/ |         |                             |     |             |                    |  |  |
|-------------------------|--|--|---------|-----------------------------|-----|-------------|--------------------|--|--|
| REGION                  |  | Difference   |         | Lowest   Highest Difference |     | Below Final | Above Final        |  |  |
|                         |  | Average  | Average |                             |     |             |                    |  |  |
| <b>WHEAT</b>            |  | Percent  |         | ---Million metric tons---   |     |             | Number of years 2/ |  |  |
| World                   |  | 0.7  | 3.8     | -10.2                       | 6.1 | 14          | 8                  |  |  |
| U.S.                    |  | 0.3  | 0.2     | -1.2                        | 0.5 | 11          | 9                  |  |  |
| Foreign                 |  | 0.8  | 3.8     | -10.3                       | 6.3 | 14          | 8                  |  |  |
| <b>COARSE GRAINS 3/</b> |  |  |         |                             |     |             |                    |  |  |
| World                   |  | 0.9  | 7.5     | -19.8                       | 6.9 | 13          | 9                  |  |  |
| U.S.                    |  | 1.0  | 2.2     | -7.5                        | 5.8 | 12          | 10                 |  |  |
| Foreign                 |  | 1.2  | 7.3     | -16.3                       | 7.6 | 12          | 10                 |  |  |
| <b>RICE (Milled)</b>    |  |  |         |                             |     |             |                    |  |  |
| World                   |  | 1.7  | 5.8     | -16.2                       | 4.7 | 17          | 5                  |  |  |
| U.S.                    |  | 2.8  | 0.2     | -0.3                        | 0.5 | 10          | 10                 |  |  |
| Foreign                 |  | 1.7  | 5.9     | -16.2                       | 4.6 | 18          | 4                  |  |  |
| <b>SOYBEANS</b>         |  |  |         |                             |     |             |                    |  |  |
| World                   |  | 2.4  | 3.0     | -7.9                        | 3.8 | 14          | 8                  |  |  |
| U.S.                    |  | 1.8  | 1.0     | -2.7                        | 2.1 | 7           | 15                 |  |  |
| Foreign                 |  | 4.2  | 2.8     | -7.5                        | 2.7 | 13          | 9                  |  |  |
| <b>COTTON</b>           |  | ---Million 480-lb. bales---                          |         |                             |     |             |                    |  |  |
| World                   |  | 2.2  | 1.8     | -6.3                        | 4.4 | 11          | 10                 |  |  |
| U.S.                    |  | 1.4  | 0.2     | -0.5                        | 0.4 | 10          | 11                 |  |  |
| Foreign                 |  | 2.7  | 1.9     | -6.7                        | 4.3 | 10          | 11                 |  |  |
| <b>UNITED STATES</b>    |  | -----Million bushels-----                            |         |                             |     |             |                    |  |  |
| CORN                    |  | 1.0  | 77      | -250                        | 159 | 12          | 9                  |  |  |
| SORGHUM                 |  | 2.4  | 16      | -53                         | 52  | 10          | 12                 |  |  |
| BARLEY                  |  | 1.2  | 5       | -12                         | 24  | 8           | 10                 |  |  |
| OATS                    |  | 0.9  | 3       | -18                         | 16  | 7           | 7                  |  |  |

1/ The final estimate for 1981/82-2001/02 is defined as the first November estimate following the marketing year.

2/ May not total 22 if projection was the same as the final.

3/ Includes corn, sorghum, barley, oats, rye, millet, and mixed grain.